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Catalogue of the Type and Figured Specimens of Fossil Crustacea (excl. Ostracoda), Chelicerata, Myriapoda and Pycnogonida in the British Museum (Natural History)

Compiled by S. F. Morris

British Museum (Natural History)

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069BMNH(083.83):565.2
565.2(083.83)

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ISBN 0565 00828 5
Publication No. 828
Printed in Great Britain

Foreword

The British Museum (Natural History) houses one of the largest collections of fossil Arthropoda in the world, which incorporates much primary type and figured material described over the past 150 years. Hitherto this important collection of source material has remained uncatalogued, and the present volume is one of a series of catalogues intended to record and document the type and figured specimens in the Museum's palaeontological collections.

It comprises Chelicerata, Myriapoda, Pycnogonida and Crustacea excluding Ostracoda since the latter are recorded in the *Catalogue of Ostracoda* and the *Stereo-Atlas of Ostracod Shells*. Moreover, since the Cirripedia have been treated comprehensively by Withers in his *Catalogue of Fossil Cirripedia* (1928–53), only those type and figured specimens which he had not described by the time of his death (Tertiary Verrucomorpha and Balanomorpha) and subsequent acquisitions are included here. Also included are arthropods of uncertain affinities comprising Cycloidea and Arthropleurida.

Since the major part of this catalogue is devoted to the Malacostraca, and in order to meet the needs of the specialist workers in that field of study, the Malacostraca are included as a separate section; and as an additional aid, those specimens previously referred to as the Phyllocarida have also been abstracted (pp. 19, 20).

A further catalogue relating to type and figured Trilobita is being prepared for publication in this series.

S. F. M., 1980.

Introduction

1. The catalogue includes primary types holotype, neotype, lectotype and syntype) secondary types and figured specimens.

2. The catalogue is arranged by genus in alphabetical order. Where taxa have been revised the most recent name is used, with cross reference to earlier designations.

3. Stratigraphical and geographical data is updated to modern requirements whenever this is possible.

4. Type selections have not been made, although some taxa require stabilisation by selection of a lectotype. Invalid type selections (e.g. where selection was made of a specimen not part of an original syntype series) are specifically noted.

5. In the past it was common practice to register many specimens under one number. In some cases the one number will include a syntype series in a taxon that needs re-description and/or the selection of a lectotype. In this catalogue these specimens have been left together to show their original association. Where several species have been included under one number (subsequently published) a letter suffix has been added to distinguish each specimen.

6. Where reference is made to specimens in other institutions (counterparts, for example) the following abbreviations have been used: GSM — Institute of Geological Sciences, Geological Museum: USNM — National Museum, Washington, D.C.

7. Each entry includes the following information: author, date, page and plate reference of type nomination or description. References in full are given in the bibliography at the end of each section.

8. Attention should be also drawn to the following points:

(i) The Law of Priority has been the guide in the use of a name, although this may lead to a conflict with modern usage.

(ii) Part II of König, C. *Icones* . . . is not considered to have been formally published (Zeiller, 1888: 708) but only became available after König's death in 1851. I have arbitrarily dated this work as 1851. This has caused a number of taxonomic changes that can only be finally resolved by applications to the International Commission on Zoological Nomenclature.

(iii) An appendix has been added to the *Malacostraca* for specimens originally assigned to the *Phyllocarida* but are now known to belong to other groups (Rolfe, 1969: R328) because the specimens are still stored in the Fossil Arthropoda Section. A few of these taxa had already been transferred to the Mollusca Section, e.g. *Myocaris, Pinnocaris* and are not included in this list.

9. A number of requests have been received to re-figure the types of Jones' Conchostraca especially the specimens in his 1863 Fossil Estheriae. This opportunity has been taken to re-figure a number of specimens suitable for photography. Many of Jones' pictures are based on a number of ill-preserved syntype specimens usually on one piece of rock.

Crustacea-Malacostraca

Acanthochirana cenomanica (Glaessner)
Holotype In.28645 paratype In.29585. Glaessner, M.F. 1945: 695, pl. 8, fig. 1. Cretaceous, Cenomanian; Mount Hakel, Lebanon.

Actaea rufopunctata nodosa (Stimpson)
Figd spec. In.61359. Collins, J.S.H. & Morris, S.F. 1976: 125, pl. 19, fig. 7. Pleistocene, Coral Rock; Barbados, West Indies.

Aeger brodiei Woodward
Holotype I.3022. Woodward, H. 1888: 385, pl. 11. Woods, H. 1925: 7, pl. 2, fig. 1.
Figd spec. I.6585. Woods, H. 1925: 7, pl. 3, fig. 1. Jurassic, top of Rhaetic or Lower Lias, *P. planorbis* Zone; Osborn's New Pit, Binton, Warwickshire.

Aeger laevis (Blake)
Figd spec. 45109. Woods, H. 1925: 6, pl. 1, fig. 5.
Figd spec. 45110. Withers, T.H. 1933: 159, pl. 4, fig. 2. Jurassic, Lower Lias; Lyme Regis, Dorset.

Aeger laevis (Blake)
Figd spec. In.28597. Withers, T.H. 1933: 159, pl. 4, fig. 1. Jurassic,Lower Lias, *O. oxynotum* Zone; near Miller's Nab, Robin Hood's Bay, Yorkshire.

Aeger marderi Woodward
Holotype 44341. Woodward, H. 1866: 10, pl. 1. Woods, H. 1925: pl. 1, fig. 6. Jurassic, Lower Lias; Lyme Regis, Dorset.

Amphipeltis paradoxus Salter
See *Pygocephalus dubius* (Milne-Edwards).

Anaspidites antiquus Chilton
Part of holotype In.31401. Chilton, C. 1929: 366, pl. 30. Middle Trias, Hawkesbury Sandstone; Beacon Hill, Brookvale, near Sydney, New South Wales, Australia.

Anomalocaris canadensis Whiteaves
Figd spec. I.4763. Woodward, H. 1902: 542, fig. 7. Middle Cambrian; Mt. Stephen at 2000m., British Columbia, Canada.

Anthrapalaemon grossarti Salter
See *Pygocephalus dubius* (Milne-Edwards)

Anthrapalaemon russellianus (Salter)
See *Pygocephalus dubius* (Milne-Edwards).

Antrimpos sharpii (Woodward)
Holotype 59556. Woodward, H. 1869: 74, pl. 2, fig. 3. Woodward, H. 1878: 164, pl. 4.
Woods, H. 1925: 2, pl. 1, fig. 1. Jurassic, Upper Lias, *H. bifrons* Zone; Kingsthorpe, Northamptonshire.

Arcania bucklandi Mantell
See *Necrocarcinus labeschii* (Deslongchamps).

Archaeastacus willemoesi Bate
See *Coleia crassichelis* (Woodward).

Archaeocarabus bowerbanki M'Coy
Syntypes 46358-59, 59764. M'Coy, F. 1849: 174, text-fig.
Figd specs. 24621, 33838, 46358-59, 59764. Bell, T. 1858: 42, pl. 11, figs. 1-4.
Figd specs. 24621, 33838, 46358. Woods, H. 1925-26: 36, pl. 8, fig. 5, pl. 10, figs. 1,2. Eocene, London Clay; Isle of Sheppey, Kent.

Archaeogeryon fuegianus Colosi
Figd specs. In.28027-29. Glaessner, M.F. 1933: 23, pl. 5, fig. 3, pl. 6, figs. 1-3. Miocene, Patagonian Beds; Santa Cruz, Patagonia, Argentina.

Archaeogeryon latus Glaessner
Holotype In.28032 paratypes In.28008, In.28033, I.4580 (I.4580 is said to be the holotype in explanation to plate 6, fig. 4). Glaessner, M.F. 1933: 23, pl. 5, figs 4, 5, pl. 6, fig. 4. Miocene, Patagonian Beds; Santa Cruz, Patagonia, Argentina.

Archaeogeryon peruvianus (d'Orbigny)
Figd spec. In.28002. Glaessner, M.F. 1933: 23, pl. 5, figs. 1-2. Miocene, Patagonian Beds; Monte Leone, Patagonia, Argentina.

Archaeoniscus brodii Milne-Edwards
Figd specs. I.3024 *a-d.* Brodie, P. B. 1845: 10-15, pl. 1, figs. 6-10.
Figd spec. I.3025. Woodward, H. 1879: 349, pl. 14, fig. 4. Jurassic, Purbeck Beds; Dinton, Wiltshire.

Archaeopilumnus caelatus Rathbun
See *Lobonotus sculptus* A. Milne-Edwards.

Archaeopus vancouverensis (Woodward)
Syntype In.28135 (ex Geol. Soc. Coll. R.12492). Woodward, H. 1896: 227. Cretaceous, ?Campanian; Vancouver Island, British Colombia, Canada.

Architelphusa punctatus (Heer)
Syntype 52885. Heer, O. 1865: 354, fig. 208. Miocene; Oeningen, Switzerland. Bott (1955:310) erected the monotypic genus *Architelphusa* and also the genera *Proballaya* (type species, *Telphusa quentstedti* Zittel); *Propotamonautes* (type species *Grapsus speciosus* Heer); *Pseudopotamonautes* (type species *Pseudotelphusa speciosa* Capellini). These genera have been overlooked in recent literature.

Arges edwardsii d'Archiac & Haime
See *Galenopsis murchisonii* (d'Archiac & Haime).

Aristozoe decoratus (Whidborne)
Holotype In.34922. Whidborne, G. F. 1889: 29. Whidborne, G. F. 1889*a*: 43, pl. 4, fig. 21. Middle Devonian; Lummaton or Barton, Devonshire.

Astacodes falcifer Bell
Holotype (by monotypy) 42238. Bell, T. 1863: 30, pl. 9, figs. 1, 2.
Woods, H. 1925: 34, pl. 8, fig. 4. Cretaceous, Speeton Clay (C3); Speeton, North Yorkshire.

'Astacus' multicostatus Bell
See *Eryma sulcata* Harbort.

Bactropus decoratus Whidborne
See *Aristozoe decoratus* (Whidborne).

Basinotopus lamarckii (Desmarest)
See *Dromilites lamarckii* (Desmarest).

Benthesicymus libanensis (Brocchi)
Figd spec. 59686. Glaessner, M. F. 1945: 396, fig. 1. Cretaceous, Senonian; Sahel Alma, Mt. Lebanon, Syria.

Cf. Bopyrus sp. (on *Notopocorystes (Notopocorystes) stokesii serotinus* Wright & Collins).
Figd spec. 34380. Bell, T. 1863: 13, pl. 3, fig. 3. Cretaceous, Gault; Folkestone, Kent.

Calappa cranium Wright & Wright
See *Heeia villersensis* (Hée).

Calappa earlei Withers
Holotype In.23785, paratype In.23786. Withers, T. H. 1924*c*: 227, figs 6-8. Upper Oligocene; Cartouche Bay, Anguilla.

Callianassa anguillensis Rathbun
Figd specs In.23770-71. Withers, T. H. 1924*c*: 226, pl. 6, figs 3-5. Upper Oligocene; Cartouche Bay, Anguilla.

Callianassa clallamensis Withers
Holotype In.23789 paratypes In.23790-97. Withers, T. H. 1924*b*: 122, pl. 4, figs 4-7. Upper Oligocene, Blakeley Formation; Clallam Bay, Washington State, U.S.A.

Callianassa faujasi (Desmarest)
See *Protocallianassa faujasi* (Desmarest).

Callianassa gigantea Withers
Holotype In.23015. Withers, T. H. 1924: 86, pl. 2, figs 13, 14. Eocene, Lutetian, Yellow Limestone; Glasgow about 8 miles south of Lucea, Jamaica, West Indies.

Callianassa isochela Woodward
See *Protaxius isochelus* (Woodward).

Callianassa lacunosa Rathbun
Figd spec. In. 25773. Withers, T. H. 1926 : 105, pl. 9, figs 3, 4. Eocene, Scotland Beds; Cane Garden, Spa Estate, Barbados.

Callianassa menziesi Withers
Holotype In.25772. Withers, T. H. 1926 : 105, pl. 9, figs. 1, 2. Eocene, Scotland Beds; Cane Garden, Spa Estate, Barbados.

Callianassa meridionalis Ball
Holotype In.53260 Paratypes In.53261-65. Ball, H. W. 1960 : 15, pl. 2, figs 2-5. Cretaceous, Campanian; Coast east of Lachman Crags, James Ross Island, Graham Land.

Callianassa neocomiensis Woodward
Syntypes 44941 (12 specimens are registered with this number, all of the specimens were used by Woodward in his restoration). Woodward, H. 1869 : 75, pl. 2, fig. 5. Cretaceous, Cenomanian, *A. rhotomagense* Zone; Colin Glen, near Belfast, Northern Ireland.

Callianassa pustulata Withers
Holotype In.25774, paratypes In. 25775-84. Withers, T. H. 1926 : 106, pl. 9, figs 5-9. Eocene, Scotland Beds; Cane Garden, Spa Estate, Barbados.

Callianassa seefriedi Ammon
Figd specs In.44085-86. Cox, L. R. 1952 : 52, pl. 5, figs 15, 16. Eocene; Well at Apatuema, between Kpogle and Fenyi Yokoe, S.E. Ghana.

Callianassa subplana Withers
Holotype In.23013 paratype In.23014. Withers, T. H. 1924 : 85, pl. 2, figs 9-12. Eocene, Lutetian, Yellow Limestone; Spring Mount 6 miles south-east of Montego Bay, Jamaica.

Callianassa trechmanni Withers
Holotype In.23002 paratypes In.23003-12. Withers, T. H. 1924 : 83, pl. 2, figs 1-8. Eocene, Lutetian, Yellow Limestone; Spring Mount, 6 miles south-east of Montego Bay, Jamaica.

Callinectes jamaicensis Withers
Holotype In.23016. Withers, T. H. 1924 : 87, pl. 3, figs 7, 8. Eocene, Lutetian, Yellow Limestone; Glasgow, 8 miles south of Lucea, Jamaica.

Caloxanthus americanus Rathbun
Figd spec. In.60949. Wright, C. W. and Collins, J. S. H. 1972 : 104, pl. 21, fig. 7. Cretaceous, Cenomanian, *C. naviculare* Zone; Havencliff, Seaton, Devonshire.

Caloxanthus formosus A.Milne-Edwards
Figd spec. In.61163. Wright, C. W. and Collins, J. S. H. 1972 : 105, pl. 21, figs 9*a*, *b*. Cretaceous, Upper Santonian; Montée des Croutets, Sougraigne, Aude, France.

Caloxanthus ornatus (von Fischer-Benzon)
Figd specs I.8034-37. Woodward, H. 1901 : 500, pl. 12, figs 5-7. Danian; Faxe, Denmark.

Caloxanthus purleyensis (Withers)
Holotype I.27330. Withers, T. H. 1928 : 461, pl. 13, figs 4, 5.
Wright, C. W. & Collins, J. S. H. 1972 : 105, pl. 21, fig. 8. Cretaceous, Upper Chalk, *M. cortestudinarium* Zone; Purley, Surrey.

Camptophyllia eltringhami Gill
Holotype In.41504. Gill, E. L. 1924 : 467, text-fig. 6. Upper Carboniferous, Crow Coal; Phoenix Brickworks at Crawcrook near Ryton-on-Tyne, Tyne and Wear.

Camptophyllia fallax Gill
Holotype In.41505 Gill, E. L. 1924 : 469, text-fig. 7. Upper Carboniferous, Crow Coal; Phoenix Brickworks, Crawcrook near Ryton-on-Tyne, Tyne and Wear.

Campylostoma matutiforme Bell
Syntypes 59083-84, I.7314. Bell, T. 1858 : 23, pl. 3, figs 8-10. Eocene, London Clay; Isle of Sheppey, Kent.

Carcineretes woolacotti Withers
Holotype In.20780 paratypes In.20781-82. Withers, T. H. 1922 : 535, pls. 16, 17. Upper Cretaceous, ?Turonian; bed of Rio Minho, west of Trout Hall, Chapelton, Jamaica.

Carcineretes woolacotti Withers
Figd specs In.23000-1. Withers, T.H. 1924 : 91, pl. 4, figs 1-4. Upper Cretaceous, Rudist Limestone; Rio Minho at Logie Green, 5 miles W. of Trout Hall, Jamaica.

Carcinoplax antigua (Ristori)
Figd spec. In.28586. Glaessner, M.F. 1933 : 17, pl. 4, fig. 3. Miocene, *Vicarya* shales; Province of Matsu, Island of Honshu, Japan.

Carpiliopsis ornata von Fischer-Benzon
See *Caloxanthus ornatus* (von Fischer-Benzon).

Carpilius corallinus (Herbst)
Figd spec. In.61202. Collins, J.S.H. & Morris, S.F. 1976: 126, pl. 19, fig. 3. Pleistocene, Coral Rock (30.5m); Gibbons, Barbados

Carpopenaeus callirostris Glaessner
Holotype I.5003 paratypes I.3707, I.5004-13, I.5015, I.5017, I.5021, I.5023-25. Glaessner, M. F. 1945 : 698, pl. 8, fig. 2. Cretaceous, Cenomanian; Hajula, Lebanon.

Carpopenaeus callirostris Glaessner
Paratypes 59691-2, I.4550, I.4552. Glaessner, M. F. 1945 : 698. Cretaceous, Cenomanian; Hakel, Lebanon.

Caryocaris kilbridensis Woodward
Holotype I.16310. Woodward, H. 1912 : 100, text-fig. Ordovician, Arenig, Zone of *D. extensus*; ½ mile north-east of top of Knock Kilbride, Co. Mayo, Ireland.

Caryocaris marrii Hicks
Figd spec.42162. Jones, T. R.& Woodward, H.1892 : 92, pl. 14, fig. 17. Ordovician, Arenig, Skiddaw Slates; near Keswick, Cumbria.

Caryocaris wrightii Salter
Figd specs 47935, 42162. Jones, T. R. & Woodward, H. 1892 : 89, pl. 14, figs. 13, 14. Ordovician, Arenig, Skiddaw Slates; near Keswick, Cumbria.

Caryocaris wrightii Salter
Figd spec. I.11262. Postlethwaite, J. 1897 : 11, pl. 1, fig. 14. Ordovician, Arenig, Skiddaw Slates; Glenderamakin Force, nr. Keswick, Cumbria.

Ceratiocaris angusta Jones
Holotype 58878*b*. Jones, T. R. 1886 : 458.
Jones, T. R. & Woodward, H. 1888 : 47, pl. 10, fig. 9. Silurian; Linburn, Muirkirk, Strathclyde, Scotland.

Ceratiocaris attenuata Jones
Figd spec. In.43892 (as *C. murchisoni*). La Touche, J. D. 1884 : 77, pl. 17, fig. 565.
Syntype In.43892. Jones, T. R. 1886 : 456.
Figd spec. In.43892 (as *C. tyrannus*). Jones, T. R. & Woodward, H. 1888 : 22, pl. 5, fig. 4. Silurian, Lower Ludlow Series; Church Hill, Leintwardine, Salop.

Ceratiocaris attenuata Jones
Syntype 39403. Jones, T.R. 1886: 456.
Figd spec. In. 43883*b* (as *C. tyrannus*). Jones, T.R. & Woodward, H. 1888: 21, pl. 9, fig. 4.
Figd spec. 39403 (as *C. tyrannus*). Jones, T.R. & Woodward, H. 1888: 23, pl. 3, fig. 6. Silurian, Lower Ludlow Series; Ludlow, Salop.

Ceratiocaris bohemica Barrande
Figd spec. In.61418. Woodward, H. 1866 : 204, pl. 10, fig. 10.
Jones, T. R. & Woodward, H. 1888 : 21, pl. 6, fig. 12. Upper Silurian; Radotin, Bohemia.

Ceratiocaris cassia Salter
Figd spec. In.43883*a* (as *Physocaris vesica* Salter). La Touche, J. D. 1884 : pl. 22, fig. 816.
Jones, T. R. & Woodward, H. 1888 : 66, pl. 7, fig. 8. Silurian, Lower Ludlow Series; Leintwardine, Salop.

Ceratiocaris cassia Salter
Figd. spec. In.43886. Jones, T. R. & Woodward, H. 1888 : 58, pl. 7, figs 7*a*, *b*. Silurian, Ludlow Series; road-side S. E. of Trippleton, 7m. west of Ludlow, Salop.

Ceratiocaris cassioides Jones
In. 43884 (syntype of *Ceratiocaris salteriana* Jones & Woodward). Jones, T.R. Woodward, H. 1885 : 462. Jones, T.R. 1886 : 458. Jones, T.R. & Woodward, H. 1888 : 59, pl. 7, fig. 4. Silurian, Lower Ludlow Series; roadside quarry south-east of Trippleton, 7 miles west of Ludlow, Salop.

Ceratiocaris cassioides Jones
Syntype 39400. Jones, T. R. 1886 : 458.
Jones, T. R. & Woodward, H. 1888 : 59, pl. 3, fig. 9. Silurian, Lower Ludlow Series; Church Hill, Leintwardine, Ludlow, Salop.

Ceratiocaris compta Jones
Holotype In.43885. Jones, T. R. 1886 : 459.
Jones, T. R. & Woodward, H. 1888 : 57, pl. 7, figs 10*a*, *b*. Silurian, Lower Ludlow Series; road side quarry south-east of Trippleton, 7 miles west of Ludlow, Salop.

Ceratiocaris gigas Jones
Syntype In. 43895. Jones, T.R. 1886: 456.
Jones, T.R. & Woodward, H. 1888: 24, pl. 5, fig. 5. Silurian, Lower Ludlow Series; Church Hill, Leintwardine, Salop.

Ceratiocaris gobiiformis Jones & Woodward
Syntype 44342*d*. Jones, T. R. & Woodward, H. 1885: 462.
Jones, T.R. & Woodward, H. 1888: 54, pl. 8, figs. 6*a*, *b*. Silurian, Ludlow Series; Benson's Knot, Kendal, Cumbria.

Ceratiocaris halliana Jones
Figd spec. In. 43891 (as *C. leptodactylus*). La Touche, J.D. 1884: 37, pl. 17, fig. 566.
Syntype In. 43891. Jones, T.R. 1886: 457.
Jones, T.R. & Woodward, H. 1888: 29, pl. 5, figs 6*a*, *b*. Silurian, Lower Ludlow Series; Church Hill, Leintwardine, Salop.

Ceratiocaris inornata M'Coy
Figd spec. 44342*a*. Jones, T.R. & Woodward, H. 1888: 48, pl. 10, figs 2. Silurian, Upper Ludlow; Benson's Knot, Kendal, Cumbria.

Ceratiocaris inornata M'Coy
Figd spec. 59648*a*. Jones, T.R. & Woodward, H. 1888: 48, pl. 10, fig. 5. Silurian; Lesmahagow, Strathclyde, Scotland.

Ceratiocaris laxa Jones & Woodward
See *Ceratiocaris papilio* Salter.

Ceratiocaris leptodactylus (M'Coy)
Figd spec. 44342. Jones, T. R. & Woodward, H. 1888 : 16, pl. 10, fig. 8. Silurian, Ludlow Series; Benson's Knot, Kendal, Cumbria.

Ceratiocaris leptodactylus (M'Coy) : La Touche
See *Ceratiocaris halliana* Jones.

Ceratiocaris lindstroemi (Jones & Woodward)
Syntype I.3197. Jones, T. R. & Woodward, H. 1895 : 540, pl. 15, figs 2*a-d*. Silurian, Wenlock Beds; Lau, Gotland, Sweden.

Ceratiocaris longa Jones & Woodward.
Holotype In.43896. Jones, T. R. & Woodward, H. 1885 : 464.
Jones, T. R. & Woodward, H. 1888 : 43 pl. 11, fig. 2. Silurian, Lower Ludlow Series; Bow Bridge, Ludlow, Salop.

Ceratiocaris ? longicauda (Sharpe)
Holotype In.28504. Sharpe, D. 1853 : 158, pl. 7, fig. 3.
Jones, T. R. & Woodward, H. 1888 : 61, pl. 11, figs 16*a*, *b*. Middle Ordovician; Sazes, Serra do Bussaco, near Coimbra, Portugal.

Ceratiocaris ludensis Woodward
Holotype In.43893. Woodward, H. 1871*b* : 104, pl. 3, fig. 3.
Jones, T. R. & Woodward, H. 1888 : 32, pl. 1, pl. 9, fig. 1. Silurian, Lower Ludlow Series; Church Hill, Leintwardine, Salop.

Ceratiocaris murchisoni (Agassiz)
Figd spec. In.43894*a*. Jones, T. R. & Woodward, H. 1888 : 16, pl. 5, fig. 3. Silurian, Lower Ludlow Series; Church Hill, Leintwardine, Salop.

Ceratiocaris murchisoni (Agassiz): La Touche
See *Ceratiocaris attenuata* Jones

Ceratiocaris oretonensis Woodward
Syntypes 58884, In.61418-20. Woodward, H. 1871*b* : 105, pl.3, fig. 1.
Figd spec. 58884. Jones, T. R. & Woodward, H. 1888 : 50, pl. 10, fig. 4. Carboniferous Limestone; Oreton, Hereford and Worcester.

Ceratiocaris papilio Salter
Figd spec. In.61416. Salter, J. W. 1860 : 155, fig. 1. Woodward, H. 1865 : 402, pl. 11, fig. 1.
Figd spec. 58669. Jones, T. R. & Woodward, H. 1885 : 392, pl. 10, fig. 1.
Figd spec. 45154 (as *C. stygia* Salter). Jones, T. R. & Woodward, H. 1885 : 394, pl. 10, fig. 2*a-c*. Silurian, Upper Ludlow Shales; Logan Water, Lesmahagow, Strathclyde, Scotland.

Ceratiocaris papilio Salter
59648 (holotype of *C. laxa* Jones & Woodward). Jones, T. R. 1886 : 458.
Figd spec. 59648 (as *C. laxa* Jones & Woodward). Jones, T. R. & Woodward, H. 1888 : 56, pl. 8, fig. 12, pl. 10, fig. 12.
Figd spec. 45154 (as *C. stygia* Salter). Jones, T. R. & Woodward, H. 1888 : 38, pl. 12, figs 2*a-c*.
Figd specs 41900-01, 58669. Jones, T. R. & Woodward, H. 1888 : 35, pl. 11, fig. 6, pl. 12, fig. 1.
Figd spec. 47989. Jones, T. R. & Woodward, H. 1888*a* : 148, fig. 9. Silurian, Ludlow Series ; Lesmahagow, Strathclyde, Scotland.

Ceratiocaris pardoeana La Touche
Holotype In.43894*b*. La Touche, J. D. 1884 : 77, pl. 17, fig. 563.
Figd specs In.43889, In.43894*b*. Jones, T. R. & Woodward, H. 1888 : 30, pl. 5, figs 1, 2. Silurian, Lower Ludlow Series; Church Hill, Leintwardine, Salop.

Ceratiocaris robusta Salter
Figd spec. 58878*a*. Jones, T. R. & Woodward, H. 1888 : 44, pl. 11, fig. 12. Silurian; Linburn, Muirkirk, Strathclyde, Scotland.

Ceratiocaris robusta Salter
Figd spec. 59620. Jones, T. R. & Woodward, H. 1888 : 44, pl. 11, fig. 13. Silurian, Buckholm Beds ; Meigle Hill, Galashiels, Border, Scotland.

Ceratiocaris robusta Salter
Figd specs 39404-05. Jones, T. R. & Woodward, H. 1888 : 43, pl. 11, figs 14, 15. Silurian, Lower Ludlow Series ; Leintwardine, Ludlow, Salop.

Ceratiocaris ruthveniana Jones
Holotype 44342. Jones, T. R. 1886 : 459.
Figd spec. 44342*b*. Jones, T. R. & Woodward, H. 1888 : 49, pl. 10, fig. 6. Silurian; Benson's Knot, Kendal, Cumbria.

Ceratiocaris salteriana Jones & Woodward
See *Ceratiocaris cassioides* Jones & Woodward.

Ceratiocaris stygia Salter
See *Ceratiocaris papilio* Salter.

Ceratiocaris tenuistriata Jones
Holotype In.43897. Jones, T. R. 1886 : 460.
Jones, T. R. & Woodward, H. 1888: 70, pl. 7, figs 9*a, b*. Silurian, Lower Ludlow Series ; roadside quarry at Trippleton Farm, Leintwardine, Salop.

Ceratiocaris truncatus Woodward
Syntypes 58885-86, In.61421. Woodward, H. 1871*b* : 105, pl. 3, fig. 2.
Figd spec. 58885. Jones, T. R. & Woodward, H. 1888 : 51, pl. 10, figs 1*a, b*. Carboniferous Limestone; Oreton, Hereford & Worcester.

Ceratiocaris tyrannus Salter MS
See *Ceratiocaris attenuata* Jones.

Ceratiocaris sp.
Figd spec. 45160. Woodward, H. 1865 : 401, pl. 11, fig. 2.
Jones, T. R. & Woodward, H. 1888 : 147, fig. 5. Upper Silurian; Lesmahagow, Strathclyde, Scotland.

Ceratiocaris sp.
Figd spec. 58878. Jones, T. R. & Woodward, H. 1888 : 147, fig. 7. Upper Silurian; Linburn, near Muirkirk, Strathclyde, Scotland.

Ceratiocaris ? sp.
Figd spec. 59620. Jones, T. R. & Woodward, H. 1892 : 124, pl. 17, fig. 8. Upper Silurian, Riccarton Beds; Shankend, Hawick, Border, Scotland.

Ceratiocaris ? sp.
Figd spec. In. 34929. Whidborne, G. F. 1896 : 8, pl. 2, fig. 12. Upper Devonian; Croyde near Hopes Nose, Torquay, Devon.

Chaenocaris see *Dithyrocaris*

Charybdis arabica (Woodward)
Holotype I. 14990. Woodward, H. 1905 : 307, text-fig. 1. Sastry, M. V. A. & Mathur, U. B. 1970 : pl. 13, fig. 2. Miocene, ?Tortonian; Ormara Headland, Mekran Coast, 130 miles west of Karachi, Pakistan.

Charybdis sinhaleya Deraniyagala
Holotype In.59305, paratypes In.59318-19. Deraniyagala, P.E.P. 1958 : 19, pl. 5, figs. 2-4. Pleistocene; Matti aru, near Kutchavalli, 22 miles north of Trincomalee, Ceylon.

Coleia antiqua Broderip
Holotype In.18440. Broderip, W.J. 1835 : 201, Broderip, W. J. 1837 : 172, pl. 12, figs. 1, 2.
Figd spec.59418. Woodward, H. 1888*a* : 433, pl. 12.
Figd specs 59418, I.3214, In.20678. Woods, H. 1925 : 13, pl. 2, fig. 4, pl. 3, figs. 2, 3. Jurassic, Lower Lias, *A. bucklandi* Zone, Lyme Regis, Dorset. Broderip stated (1835 : 201) that the type was in the Cole Collection (now in the BM(NH)). Woods (1925 : 13) assigned type status to a specimen referred to by Broderip 1837 as in the Austen Collection (G.S.M. 4125), it was not an original syntype.

Coleia antiqua ? Broderip
Fig. spec. 45092. Woods, H. 1925 : 13, pl. 3, fig. 4. Jurassic, Lower Lias; Lyme Regis, Dorset.

Coleia barrovensis (M'Coy)
Figd spec. I.5352. Woods, H. 1925 : 14, pl. 3. figs 5*a, b*. Jurassic, Lower Lias; probably Bedminster, Gloucestershire.

Coleia barrovensis (M'Coy)
Figd spec. 41872. Woods, H. 1925 : 14, pl. 4, fig. 1. Jurassic, Lower Lias; *P. planorbis* Zone; Barrow-on-Soar, Leicestershire.

Coleia bredonensis Woods
Holotype I.1034. Woods, H. 1925 : 20, pl. 5, figs 4*a-d*. Jurassic, Lower Lias; Midland Railway cutting, Bredon, Hereford and Worcester.

Coleia brodiei (Woodward)
Holotype 33814. Woodward, H. 1866 : 498, pl. 24,

fig. 2. Woods, H. 1925 : 19, pl. 5, fig. 2. Jurassic, Lower Lias; Lyme Regis, Dorset.

Coleia crassichelis (Woodward)
Syntype 59756. Woodward, H. 1866 : 497,
Figd spec. I.967 (holotype of *Archaeastacus willemoesi* Bate 1884). Bate, C. S. 1884 : 307, pl. 10,
Bate, C. S. 1888 : 117, fig. 29.
Figd spec. 18423. Woods, H. 1925 : 17, pl. 4, fig. 4.
Jurassic, Lower Lias; Lyme Regis, Dorset.

Coleia wilmcotensis (Woodward)
Holotype I.6583. Woodward, H. 1866 : 498, pl. 24, fig. 3. Woods, H. 1925 : 17, pl. 4, fig. 3. Jurassic, ? Lower Lias, *P. planorbis* Zone; Wilmcote, Warwickshire.

Corystes see *Notopocorystes*

Costacopluma concava Collins & Morris
Holotype In.44642. Paratypes In.44643-48, In.44650-52. Collins, J.S.H. & Morris, S.F. 1975 : 823, pl. 97, figs. 1-5, 7-9. Cretaceous, upper Campanian, Zone of *B. polyplocum*, horizon of *Libycoceras afikpoense*; Anofia, on River Cross, *c.*12km south of Afikpo Government, Station, Enegu Province, East Central Region, Nigeria.

Costacopluma concava Collins & Morris
Paratypes In.46496-98. Collins, J.S.H. & Morris, S. F. 1975 : 823, pl. 97, fig. 6. Cretaceous, ? Maastrichtian; Shendam, Plateau Province, Nigeria.

Costacopluma concava Collins & Morris
Paratypes In.46499-500. Collins, J.S.H. & Morris, S.F. 1975 : 823. Cretaceous, Coniacian, Awgu Limestone; Awgu, Abakaliki Province, East Central Region, Nigeria.

Creticarcinus see *Caloxanthus*

Creticarcinus purleyensis Withers
See *Caloxanthus purleyensis* (Withers).

Cyclocorystes pulchellus Bell
Holotype 59101. Bell, T. 1858 : 24, pl. 24, figs 1-2.
Figd spec. In43487 (holotype of *Necrozius bowerbankii* (A. Milne-Edwards). Milne-Edwards, A. 1862 : 297.
Milne-Edwards, A. 1863 : pl. 12, fig, 2.
Woodward, H. 1867 : 532, pl. 21, figs 2, 3. Eocene, London Clay; Holloway, London.

Cyclograpsus sp. nov. Salter & Woodward
See *Goniocypoda edwardsi* Woodward.

Cyclosphaeroma trilobatum Woodward
Holotype I.3030. Woodward, H. 1890, 530, pl. 15, figs. 1*a-c*.
Woodward, H. 1898*a*: 385, pl. 14, fig. 1. Jurassic, Bathonian, Great Oolite; Thrapston, Northamptonshire.

Cyclosphaeroma woodwardi Van Straelen
Figd spec. I.3485 (as *C. trilobatum* Woodward).
Woodward, H. 1898*a*: 385, pl. 14, fig. 2.
Holotype I. 3485. Van Straelen, V. 1928 : 32. Jurassic, Purbeck Beds; Aylesbury, Buckinghamshire.

Cyphonotus incertus Bell
See *Palaeodromites incertus* (Bell) and *Palaeodromites sinuososulcatus* Wright & Collins *(pars).*

Cyphonotus integrimarginatus Wright & Wright
See *Graptocarcinus texanus* Roemer.

Dakoticancer overanus Rathbun
Paratypes In.18526-31. Rathbun, M. J. 1917 : 385.
Upper Cretaceous, Pierre Shales; Eastern, Corson Co. South Dakota, U.S.A.

Diaulax carteriana Bell
See *Diaulax oweni* (Bell).

Diaulax feliceps Wright & Collins (Woodward Ms)
Holotype In.30102, paratypes I.635, In.30098, In.31318, 59810. Wright, C.W. & Collins, J.S.H. 1972 : 58, pl. 10, figs 2, 4-6. Cretaceous, Gault; Folkestone, Kent.

Diaulax oweni (Bell)
? Holotype In.29803. Bell, T. 1850 : 345, pl. 39*, fig. 9. Cretaceous, Chalk. ? Lower Cenomanian; Dover, Kent.

Diaulax oweni (Bell)
Figd spec. In.60944. Wright, C.W. & Wright, E.V. 1950 : 24, pl. 1, figs 9*a, b*. Cretaceous, Shenley Limestone, Lower Albian; Leighton Buzzard, Bedfordshire.

Diaulax oweni (Bell)
Figd spec. In.60947. Wright, C.W. & Collins, J.S.H. 1972: 56, pl. 9, figs 7*a-c*. Cretaceous, Cenomanian, *M. mantelli* Zone; White Hart Pit, Wilmington, Devon.

Diaulax oweni (Bell)
Figd spec. In.61136. Wright, C.W. & Collins, J.S.H. 1972: 56, pl. 10, figs 1*a, b*. Cretaceous, Cenomanian basement bed *(A. rhotomagense* Zone*)*; Snowdon Hill, Chard, Somerset.

Dithyrocaris belli Woodward
Holotype I.5791. Woodward, H. 1871 : 106, pl. 3, fig. 5. Jones, T.R. & Woodward, H. 1898 : 176, pl. 18, figs 8*a-c*. Middle Devonian; Gaspé, Quebec, Canada.

Dithyrocaris glabra Woodward & Etheridge
Figd specs 59541 *a, h, i*. Jones, T. R. & Woodward, H. 1898 : 136, pl. 19, fig. 1, pl. 25, figs 1, 2. Lower Carboniferous, Lower Limestone Series, Calderwood Group; East Kilbride, Strathclyde, Scotland.

Dithyrocaris glabra Woodward & Etheridge
Figd spec. 59541*b*. Jones, T.R. & Woodward, H. 1898 : 136, pl. 19, fig. 4. Lower Carboniferous, shales in Calciferous Sandstone; Ardross, Fife, Scotland.

Dithyrocaris granulata Woodward & Etheridge
Figd specs 59541*c, d*. Jones, T.R. & Woodward, H. 1898: 142, pl. 18, fig. 6, pl. 19, figs 6*a, b*, pl. 20, figs 1*a, b*, 3*a-g*. Lower Carboniferous, Lower Limestone Group; Cementstone Quarry, East Kilbride, Strathclyde, Scotland.

Dithyrocaris insignis Jones & Woodward
Syntypes I.3874-76, I.3879-80, I.3883, I.3885.
Jones, T.R. & Woodward, H. 1898 : 159, pl. 25, figs 3-5, pl. 30, figs 1-4, pl. 31, figs 6, 7. Carboniferous, Millstone Grit; Eccup, 5 miles north of Leeds, West Yorkshire.

Dithyrocaris insignis multijugata Jones & Woodward
Syntypes I.3877-78. Jones, T.R. & Woodward, H. 1898 : 162, pl. 31, figs 8*a, b, c*, 9. Carboniferous, Millstone Grit; Eccup, 5 miles north of Leeds, West Yorkshire.

Dithyrocaris scouleri? M'Coy
Fig spec. 59542*f*. Jones, T. R. & Woodward, H. 1898 : 155, pl. 21, fig. 10. Carboniferous, Lower Limestone Group; East Kilbride, Strathclyde, Scotland.

Dithyrocaris tenuistriata (M'Coy)
Figd spec. 44987. Woodward, H. 1871 : 106, pl. 3, fig. 4. Jones, T.R. & Woodward, H. 1899 : 178, pl. 21, fig. 9. Carboniferous, Carboniferous Limestone; Settle, North Yorkshire.

Dithyrocaris tenuistriata (M'Coy)
Figd spec. 32938. Jones, T.R. & Woodward, H. 1899 : 178, pl. 21, fig. 8. Carboniferous, Viséan; Visé, Belgium.

Dithyrocaris testudinea (Scouler)
Figd specs 46395, I.109*a*. Jones, T.R. & Woodward, H.

1898 : 145, pl. 19, fig. 8, pl. 21, fig. 2, pl. 31, fig. 1. Lower Carboniferous; Carluke, Strathclyde, Scotland.

Dithyrocaris testudinea (Scouler)
Figd specs 59541 *e*, *g*, *j*, *k*, *l*. Jones, T.R. & Woodward, H. 1898 : 145, pl. 19, fig. 7, pl. 21, figs 1, 5, pl. 23, figs 7-8, pl. 31, fig. 4. Lower Carboniferous, Lower Limestone Group; East Kilbride, Strathclyde, Scotland

Dithyrocaris sp.
Figd spec. 59541*f*. Jones, T.R. & Woodward, H. 1899 : 187, pl. 21, fig. 10. Carboniferous; East Kilbride, Strathclyde, Scotland.

Dithyrocaris sp.
Figd spec. I.4471. Jones, T.R. & Woodward, H. 1899 : 196, pl. 26, figs 19, 20. Carboniferous, Coal Measures: Newcastle-upon-Tyne.

Dithyrocaris sp.
Figd spec. 59776, I.754. Jones, T.R. & Woodward, H. 1899 : 197, pl. 26, figs 13-18. Carboniferous, below Ell Coal; Orchard Quarry, near Thornliebank, Strathclyde, Scotland.

Dithyrocaris sp.
Figd spec. I.3884. Jones, T.R. & Woodward, H. 1899 : 197, pl. 26, fig. 42. Carboniferous, Millstone Grit; Eccup, 5 miles north of Leeds, West Yorkshire.

Dromilites bucklandi Milne-Edwards
Figd specs 59088-91, 59096-97. Bell, T. 1858 : 31, pl. 6, figs 1-10. Eocene, London Clay; Copenhagen Fields, London.

Dromilites lamarckii (Desmarest)
Figd specs 46376, 46379, 59099, In.43483. Bell, T. 1858 : 29, pl. 5, figs 1-4. Eocene, London Clay; Isle of Sheppey, Kent.

Dromiopsis birleyae Woodward
See *D. elegans* Reuss.

Dromiopsis coplandae Woodward
See *D. elegans* Reuss.

Dromiopsis elegans Reuss
Figd specs I.8023-24 (syntypes of *D. birleyae* Woodward). I.8031-32 (syntypes of *D. coplandae* Woodward). Woodward, H. 1901 : 498, pl. 12, figs 1, 2. Cretaceous, Danian; Faxe, Denmark.

Dromiopsis rugosa (Schlotheim)
Figd specs I.7997, I.7999. Woodward, H. 1901 : 493, pl. 12, figs 3, 4. Cretaceous, Danian; Faxe, Denmark.

Echinocaris whidbornei Jones & Woodward
Figd spec. I.3945 (counterpart is In.38080). Jones, T. R. & Woodward, H. 1899 : 393, pl. 15, fig. 6. Upper Devonian, Marwood Beds; Sloly Quarry, near Barnstaple, Devon.

Elymocaris hindei Jones & Woodward.
Holotype In.19532. Jones, T. R. & Woodward, H. 1894 : 292, pl. 9, fig. 7, text-fig. 2. Middle Devonian, Hamilton Group; Arkona, Ontario, Canada.

Emmelezoe lindstroemi Jones & Woodward
See *Ceratiocaris lindstroemi* (Jones & Woodward).

Enoploclytia dixoni (Bell)
See *Enoploclytia leachii* (Mantell).

Enoploclytia dorsetensis Woods
See *Phlyctisoma perroni* (Étallon)

Enoploclytia leachii (Mantell)
Lectotype 5636, paralectotypes 5598, (part of 5636), 5623, In.61020. Mantell, G.A. 1822 : 142, 221, pl. 29, figs 1, 4, 5, pl. 30, fig. 1. Förster, R. 1966 : 148.
Figd spec. 5636. Mantell, G.A. 1833: 123, fig. 1. Cretaceous, Chalk; [?Lewes], East Sussex.

Enoploclytia leachii (Mantell)
Figd spec. I. 1977. Woods, H. 1930: 85, pl. 24, fig. 4. Cretaceous, Middle Chalk; Burham, Kent.

Enoploclytia leachii (Mantell)
Figd spec. I. 3206. Förster, R. 1966: 148, pl. 19, fig. 8. Cretaceous, Turonian; Weisser Berg, near Prague, Czechoslovakia.

Enoploclytia scabrosa Woodward
See *Enoploclytia seitzi* Glaessner.

Enoploclytia seitzi Glaessner
[59818 holotype of *Enoploclytia scabrosa* Woodward *nom. nud.*]. Woodward, H. 1873 : 524. Woodward, H. 1874 : 307.
Figd spec. 59818. Förster, R. 1966 : 147, pl. 19, fig. 2. Cretaceous, Cenomanian; Dover, Kent.

Eocarcinus praecursor Withers
Holotype In.18425; paratypes, In.18424, In.23091, I.7299. Withers, T.H. 1932 : 315, pl. 9, figs 1-5, pl. 10, fig. 1. Jurassic, Lower Lias, *A. capricornus* Zone; Chipping Campden, Gloucestershire and Draper's Brickyard, Banbury, Oxfordshire.

Eosphaeroma fluviatile Woodward
See *Eosphaeroma margarum* (Desmarest).

Eosphaeroma margarum (Desmarest)
Figd spec. I.470 (17 specimens, syntypes of *E. fluviatile* Woodward). Woodward, H. 1879 : 346, pl. 14, fig. 1.
Figd specs I.470 *a*, *b*, In.26172. Martini, E. 1972 : 69, pl. 2, figs 3, 5, 6. Oligocene, Bembridge Marls; Gurnard Bay, Isle of Wight.

Eosphaeroma margarum (Desmarest)
Figd spec. 59253. Martini, E. 1972 : 70, pl. 1, fig. 1. Oligocene, Marnes à Cythereis; Butte de Chaumont, near Paris, France.

Eosphaeroma obtusum (Meyer)
Figd spec. In.60674. Woodward, H. 1879 : 347, pl. 14, fig. 2.
Martini, E. 1972 : 69, pl. 1, fig. 2. Oligocene, Bembridge Marls; Gurnard Bay, Isle of Wight.

Eosphaeroma smithii Woodward
See *Eosphaeroma obtusum* (Meyer).

Eriphia? sp.
Figd spec. In.28052. Glaessner, M.F. 1933 : 6, pl. 1, fig. 2. Miocene, ?Vindobonian; Malta.

Eryma bedelta (Quenstedt)
See *Eryma guisei* Wright or *Eryma compressa* (Deslongchamps).

Eryma birdi Woods
See *Eryma compressa* (Deslongchamps).

Eryma cf. boloniensis (Sauvage)
Figd specimen I.7494. Förster, R. 1966 : 117, pl. 16, fig. 5. Jurassic, Kimmeridgian Passage Beds; Weymouth, Dorset.

Eryma compressa (Deslongchamps)
Holotype In.22917. Deslongchamps, J.A. Eudes—. 1842: 60, pl. 4, figs 8, 9. Jurassic, Bathonian, Couches à polypiers; Ranville, Calvados, France.

Eryma compressa (Deslongchamps)
Figd spec. In.27125 (holotype of *Eryma birdi* Woods; In.27123-24 are unfigured paratypes). Woods, H. 1928 :

74, pl. 20, fig. 1. Jurassic, Upper Toarcian, Blea Wyke Beds; Peak, North Yorkshire.

Eryma dutertrei Sauvage
Figd specs In.27136, In.27141 (syntypes of *E. portlandica* Woods). Woods, H. 1930 : 79, pl. 22, figs 3, 4.
Figd spec. I.2835. Förster, R. 1966 : 117, pl. 16, fig. 6. Jurassic, Portlandian; Portland, Dorset.

Eryma guisei Wright
Figd spec. In.27142. Woods, H. 1928-30 : 74, pl. 20, figs. 4*a*, *b*. Jurassic, Middle Bajocian, *S. humphriesianum* Zone; Waltham on the Wolds, Somerset.

Eryma guisei Wright
Figd spec.24559. Woods, H. 1930 : 79, pl. 21, fig. 2. Jurassic, Upper Oxfordian, *P. plicatilis* Zone, Shell-cum-pebble Bed; Shotover, Oxfordshire.

Eryma guisei Wright
Figd spec. I.1036. Woods, H. 1928-30 : 74, pl. 20, fig. 3. Jurassic, Inferior Oolite, *L. murchisonae* Zone; Leckhampton Hill, Gloucestershire.

Eryma guisei Wright
Figd specs In.27127, In.27132. Woods, H. 1928-30 : 74, pl. 20, figs 5, 6. Jurassic, Bathonian, Great Oolite; Kingsthorpe, Northamptonshire.

Eryma portlandica Woods
See *Eryma dutertrei* Sauvage.

Eryma sulcata Harbort
Figd spec. In.27837. Woods, H. 1930 : 80, pl. 22, fig. 6. Förster, R. 1966 : 124 selected as lectotype the cast of Harbort 1905, pl. 1, fig. 11 in the British Museum (Natural History) since the original syntypes were destroyed during World War II i.e. lectotype In.27305, paralectotypes In.27307-10.
(Syntypes In.61410-11 of '*Astacus*' *multicostatus* Bell). Bell, T. 1863 : 31, pl. 9, figs. 7, 8. Lower Cretaceous, Speeton Clay; Speeton, North Yorkshire.

Eryma ventrosa (Meyer)
Figd spec. In.27146. Woods, H. 1930 : 76, pl. 21, fig. 7. Middle Jurassic, Callovian, Hackness Rock, *P. athleta* Zone; Scarborough, North Yorkshire.

Eryma ventrosa (Meyer)
Figd spec. In.27134. Woods, H. 1930 : 76, pl. 21, fig. 4. Middle Jurassic, Upper Oxfordian, *P. plicatilis* Zone; Headington, Oxfordshire.

Eryon arctiformis (Schlotheim)
Figd spec. 41975. König, C. 1825 : 4, pl. 8, fig. 92. Jurassic, Kimmeridgian; Solenhofen, Bavaria, Germany.

Eryon oppeli Woodward
Holotype 44886. Woodward, H. 1866 : 500, pl. 24, fig. 4. Jurassic, Kimmeridgian; Solenhofen, Bavaria, Germany.

Etyus martini Mantell
Figd spec. In.31325 (as *Etyus* sp.). Leach, W.E. 1822 : 97, pl. 29, figs 11, 12.
Mantell, G.A. 1833 : 169, fig. 1.
Syntypes In.31325, In.61152-53. Mantell, G.A. 1844 : 532.
Figd spec. In.31325. Dixon, F. 1850 : pl. 29, figs 11, 12. Cretaceous, Gault; Ringmer, East Sussex.

Etyus martini Mantell
Figd spec. I.630. Wright, C.W. & Collins, J.S.H. 1972 : 101, pl. 21, fig. 3. Cretaceous, Gault; Folkestone, Kent.

Etyus martini Mantell
Figd specs In.60998-61003. .Wright, C.W. & Collins, J.S.H. 1972 : 101, pl. 21, fig. 5. Cretaceous, Lower Gault, *D. cristatum* Subzone; Reservoir Pit, Ford Place, Wrotham Heath, Kent.

Etyus martini Mantell
Figd spec. In.60960. Wright, C. W. Collins, J.S.H. 1972 : 101, pl. 21, fig. 1. Cretaceous, Lower Gault, *H. spathi* Subzone; Billington Crossing, Leighton Buzzard, Bedfordshire.

Eubelum rusingaense Morris
Holotype In. 61025, paratypes In. 61026-70. Morris, S.F. 1979: figs 1-11. Lower Miocene, Lower Hiwegi Series; between Hiwegi Hill and east coast of Rusinga Island, Lake Victoria, Kenya.

Falconoplax bicarinella Collins & Morris
Holotype In.61353. Collins, J.S.H. & Morris, S.F. 1976 : 109, pl. 18, fig. 7. Lower or Middle Eocene, Scotland Beds; Spa, Barbados, West Indies.

Falconoplax kugleri van Straelen
Paratypes In.37110- 12. Straelen, V. van, 1933 : 11. Upper Eocene; near Cerro Cometa, Falcon, Venezuela.

Galathea munidioides Segerberg
Figd specs I.7991-92. Woodward, H. 1901 : 489, pl. 12, figs 8, 9. Danian; Faxe, Denmark.

Galenopsis edwardsii (d'Archiac & Haime)
See *Galenopsis murchisonii* (d'Archiac & Haime).

Galenopsis murchisonii (d'Archiac & Haime)
Holotype In.28097, paratype In.28098.
d'Archiac, E.J.A.D. de St. S. & Haime, J. 1854 : 341, pl. 36, figs 12, 14.
Figd spec. In.28096 (holotype of *G. edwardsii* d'Archiac & Haime). d'Archiac, E.J.A.D. de St. S. & Haime, J. 1854 : 340, pl. 36, fig. 13.
Figd specs In.28096-98. Sastry, M.V.A. & Mathur, U.B. 1970 : 61-63, pl. 21, figs 1-3. Eocene, Lutetian; Hala Range, Sind, Pakistan.

Gecarcinus punctatus Heer
See *Architelphusa punctata* (Heer).

Gillcarcinus amphora Collins & Morris
Holotype In. 61553, paratypes In. 61554-74.
Collins, J.S.H. & Morris, S.F. 1978: 967, pl. 117, figs. 2-4. Middle Eocene, Kirthar Formation, Domanda Shale; Ramak Kwar, *c.* 85km south-west of Dera Ismail Khan, Pakistan.

Glaessnerella angusta (Wright & Collins)
Holotype In.60924. Wright, C.W. & Collins, J.S.H. 1972 : 35, pl. 3, fig. 9, text-fig. 6*e*. Cretaceous, Upper Aptian, *T. subarcticum* Subzone, Ferruginous Sands, Urchin Bed; Horse Ledge, Shanklin, Isle of Wight.

Glaessnerella balli (Wright & Collins)
Holotype In.60925, paratype In.60926. Wright, C.W. & Collins, J.S.H. 1972 : 35, pl. 3, fig. 8, text-fig. 6*a*. Cretaceous, Lower Aptian, *D. callidiscus* Subzone, Crackers Bed; Atherfield, Isle of Wight.

Glaessnerella depressa (Carter)
Paralectotype 59811. Carter, J. 1898 : 23, pl. 1, fig. 5*a*. Wright, C.W. & Collins, J.S.H. 1972 : 37, pl. 3, figs 11*a-c*. Cretaceous, Gault; Folkestone, Kent.

Glaessnerella kennedyi (Wright & Collins)
Holotype In.61135. Wright, C.W. & Collins, J.S.H. 1972 : 39, pl. 4, fig. 8, text-fig. 6*j*. Cretaceous, Cenomanian, *M. mantelli* Zone; Hutchins Pit, Wilmington, Devon.

Glaessnerella latteri (Wright & Collins)
Holotype In.**60923**. Wright, C.W. & Collins, J.S.H. 1972 : 34, pl. 3, fig. 7, text-fig. 6*d*. Cretaceous, Lower Aptian, *P. obsoletus* Subzone, *Perna* Bed; Binscombe, Surrey.

Glaessnerella spinosa (Van Straelen)
Figd spec. In.**60991**. Wright, C.W. & Collins, J.S.H. 1972 : 36, pl. 4, figs 3*a-c*. Cretaceous, Upper Albian, *H. orbignyi*; Reservoir Pit, Ford Place, Wrotham Heath, Kent.

Glaessneria Wright & Collins, 1972 (*non* Takeda & Miyake, 1969).
See *Glaessnerella* Wright & Collins, 1975.

Glyphea heerii Oppel: Woodward
See *Pseudoglyphea grandis* (Meyer).

Glyphea scabrosa
See *Glyphea (Squamosoglyphea) udressieri* Meyer.

Glyphea (Glyphea) carteri Bell
Figd spec. In.**26907**. Woods, H. 1972 : 62, pl. 16, fig. 9. Cretaceous, Gault; Folkestone, Kent.

Glyphea (Glyphea) ferruginea Blake & Hudleston
See *Glyphea (Glyphea) rostrata* (Phillips).

Glyphea (Glyphea) regleyana (Desmarest)
Figd spec. I.**3008**. Woods, H. 1927 : 53, pl. 14, fig. 3. Jurassic, Inferior Oolite, *P. parkinsoni* Zone; Halfway House, near Sherborne, Dorset.

Glyphea (Glyphea) rostrata (Phillips)
Figd spec. I.**7499** (holotype of *G. ferruginea* Blake & Hudleston). Blake, J.F. & Hudleston, W.H. 1877 : 400, pl. 15, fig. 10. Jurassic, Kimmeridgian, *R. cymodoce* Zone; Abbotsbury, Dorset.

Glyphea (Glyphea) rostrata (Phillips)
Figd specs In.**26189-90**. Woods, H. 1927 : 56, pl. 15, figs 5, 8. Jurassic, Corallian Beds, *P. plicatilis* Zone; Malton, North Yorkshire.

Glyphea (Glyphea) rostrata (Phillips) : Woodward, 1868.
See *Glyphea (Glyphea) tomesi* Woodward.

Glyphea (Glyphea) tomesi Woodward.
Figd spec. In.**18442** (as *Glyphea (G.) rostrata*). Woodward, H. 1868 : 354, pl. 17, fig. 2.
Woods, H. 1927 : 49, pl. 13, fig. 2. Jurassic, Lower Lias; Weston near Bath, Avon.

Glyphea (Glyphea) tomesi Woodward
Holotype I.**6581**. Woodward, H. 1868 : 356, pl. 17, fig. 4.
Woods, H. 1927 : 49, pl. 13, figs 1*a*, *b*. Jurassic, Lower Lias, *A. semicostatum* Zone; Welford Hill, Stratford on Avon, Warwickshire.

Glyphea (Glyphea) vectensis Woods
Syntypes In.**26970**, In.**27061**. Woods, H. 1927 : 60, pl. 17, fig. 1. Cretaceous, Lower Aptian, *D. deshayesi* Zone; Atherfield, Isle of Wight.

Glyphea (Glyphea) willetti (Woodward)
Figd specs **45051**, In.**36769**. Bell, T. 1850 : 345, pl. 38*, figs 8, 12.
Syntype **45051**. Woodward, H. 1878*a* : 379, pl. 43, fig. 8, text-fig.
Woodward, H. 1878*c* : 556, text-fig.
Syntype In. **36769**. Woodward, H. 1878*a* : 379, pl. 43, fig. 12. Cretaceous, Chalk; Lewes, East Sussex.

Glyphea (Glyphea) sp.
Figd spec. 59528. Woods, H. 1927 : 62, pl. 16, fig. 11. Cretaceous, Cenomanian; Wiltshire.

Glyphea (Glyphea) sp.
Figd specs In.26898, In.**26910**. Woods, H. 1927, 1928 : 62, pl. 17, figs 2, 3. Cretaceous, Gault; Folkestone, Kent.

Glyphea (Squamosoglyphea) udressieri Meyer
Figd specs **41874**, **44365**, I.**10427**. Woods, H. 1927 : 55, pl. 14, figs 6-8. Jurassic, Oxfordian, *P. plicatilis* Zone; Malton, North Yorkshire.

Glyphithyreus wetherelli (Bell)
Figd spec. In.**48229**. Parkinson, J. 1811 : 261, pl. 17, fig. 1.
Syntypes **59093-95**, **59400**, In.**48229**, plus? at least 30 specimens of the Natural History Museum registered before 1858. Bell, T. 1858 : 19, pl. 2, figs 7, 8.
Figd spec. In**59575**. Castell, C.P. *et al.* 1959, p. 36, pl. 4, fig. 13. Eocene, London Clay; Isle of Sheppey, Kent.

Glyphithyreus wetherelli (Bell)
Figd spec. In. **48194**. Collins, J.S.H. & Morris, S.F. 1978: 978, pl. 118, figs. 13-15. Palaeocene, Upper Ranikot Formation, Patala Shale; Kalabagh, Punjab, Pakistan.

Goniochele angulata Bell
Syntypes **46374**, **59085-86**. Bell, T. 1858 : 26, pl. 4, figs 3-7. Eocene, London Clay; Isle of Sheppey, Kent.

Goniocypoda edwardsi Woodward
Holotype **94**. Salter, J.W. & Woodward, H. 1865 : 4, fig. 50 (as *Cyclograpsus* sp. nov.). Woodward, H. 1867 : 529, pl. 21, fig. 1. Upper Eocene, Barton Beds (A_1); High Cliff, Barton, Hampshire.

Goniocypoda sindensis Glaessner
Holotype In.**28077**, paratypes In.**28078-79**. Glaessner, M.F. 1933 : 15, pl. 3, fig. 8. ?Eocene; Sind, Pakistan.

Goniodromites scarabaeus Wright & Wright
See *Pithonoton scarabaeum* (Wright & Wright).

Graptocarcinus texanus Roemer
Figd spec. In. **60940** (holotype of *Cyphonotus integrimarginatus* Wright & Wright). Wright, C.W. & Wright, E.V. 1950 : 23, pl. 1, fig. 8, text-figs 12*a-b*. Wright, C.W. & Collins, J.S.H. 1972 : 54, pl. 9, figs 2*a-c*. Cretaceous, Cenomanian, *M. mantelli* Zone; Hutchin's Pit, Wilmington, Devon.

Harpactocarcinus tumidus Woodward
See *Tumidocarcinus tumidus* (Woodward).

Heeia villersensis (Hée)
Figd spec. In.**60933** (holotype of *Calappa cranium* Wright & Wright). Wright, C.W. & Wright, E.V. 1945 : 128, pl. 5, figs 5*a-c*. Cretaceous, Cenomanian, *M. mantelli* Zone; White Hart Pit, Wilmington, Devon.

Heeia villersensis (Hée)
Figd spec. In.**60934**. Wright, C.W. & Collins, J.S.H. 1972 : 32, pl. 3, fig. 4.
Figd specs In.**60988**, In.**61137**. Wright, C.W. & Collins, J.S.H. 1972 : 32, pl. 3, figs 1, 3, pl. 22, figs 3*a*, *b*. Cretaceous, Cenomanian, *M. mantelli* Zone; White Hart Pit, Wilmington, Devon.

Hemioon circumviator Wright & Collins
Holotype In.**60986**. Wright, C.W. & Collins, J.S.H. 1972 : 89, pl. 19, fig. 3. Upper Cretaceous, Upper Chalk, Turonian, *Holaster planus* Zone; Guildford-Godalming Bypass, Surrey.

Hemioon elongatum (A. Milne-Edwards)
Figd spec. In.**31302**. Wright, C.W. & Collins, J.S.H. 1972 : 87, pl. 22, figs 9*a-c*. Cretaceous, Upper Greensand (Upper Albian); Ventnor, Isle of Wight.

Hemioon elongatum (A. Milne-Edwards)
Figd specs In.29965, In.60137. Wright, C.W. & Collins, J.S.H. 1972 : 87, pl. 19, figs 1*a-c*, 2*a*, *b*.
Figd specs In. 29965, In. 60137. (Syntypes of *Hemioon cunningtonii* Bell). Bell, T. 1863 : 10, pl. 2, figs. 4-6. Cretaceous, Cenomanian, *M. mantelli* Zone; Wiltshire.

Hemioon elongatum (A. Milne-Edwards)
Figd spec. 59527 (syntype of *Ranina (Raninella?) atava* Carter). Carter, J. 1898 : 24, pl. 1, fig. 7. Cretaceous, Upper Greensand; Wiltshire.

Hepatiscus sheranii Collins & Morris
Holotype In.61551, paratype In. 61552. Collins, J.S.H. & Morris, S.F. 1978: 960, pl. 116, figs. 1-3. Middle Eocene, Kirthar Formation, Domanda Shale; Ramak Kwar, *c.* 85km south-west of Dera Ismail Khan, Pakistan.

Hepatus nodosus Collins & Morris
Holotype. In.59947. Collins, J.S.H. & Morris, S.F. 1976 : 112, pl. 19, figs 5, 6. Miocene, Manzanilla Formation; Manzanilla Bay, Trinidad, West Indies.

Herbstia exserta Collins & Morris
Holotype In. 61199. Collins, J.S.H. & Morris, S.F. 1976 : 117, pl. 19, fig. 8. Pleistocene, Coral Rock (30-5 m); Gibbons, Barbados, West Indies.

Heteropanope? wyvilliei Glaessner
Holotype In.24482. Glaessner, M.F. 1933 : 10, pl. 3, figs 1-3. ?Miocene; Tang-i-Astaki, nr. Amiri, Lirawi District, NNW of Bushire, Iran.

Hexapus pinfoldi Collins & Morris
Holotype In. 61660, paratypes In. 61661-67. Collins, J.S.H. & Morris, S.F. 1978: 977, pl. 118, figs. 8-10, 12. Middle Eocene, Kirthar Formation, Drazinda Shale; Parwara, near Domanda, Dera Ismail Khan district, Pakistan.

Hibbertia orbicularis Jones & Woodward.
is *Hibbertia flanaganni* (Portlock) — a trilobite.

Holcocarcinus sulcatus Withers
Holotype In.18455. Withers, T.H. 1924 : 94, pl. 5, figs 1, 2. Eocene; Railway cutting near Ameki, S. Nigeria, Africa.

Homarus hakelensis (Fraas)
Figd spec. In.29554. Glaessner, M.F. 1945 : 702, pl. 8, figs 4, 5. Cretaceous, Cenomanian; Mt Hakel, Lebanon.

Homolopsis brightoni Wright & Collins
Holotype In.61004. Wright C.W. & Collins, J.S.H. 1972: 45, pl. 6, figs. 1*a-c*. Cretaceous, Lower Albian, Carstone; Compton Bay, Isle of Wight.

Homolopsis brightoni Wright & Collins
Paratypes In.61005-06, 61138. Wright, C. W. & Collins, J. S. H. 1972 : 45, Cretaceous, Cenomanian, *M. mantelli* Zone; Wilmington, Devon.

Homolopsis depressa Carter
See *Glaessnerella depressa* (Carter).

Homolopsis edwardsii Bell
Figd specs I.4018, In.60133-34. Wright, C.W. & Collins, J.S.H. 1972 : 47, pl. 7, figs 3*a-c*, 4, 5. Cretaceous, Gault; Folkestone, Kent.

Homolopsis glabra Wright & Collins
Holotype : 51210, paratypes In.60132, In.61007. Wright, C.W. & Collins, J.S.H. 1972 : 44, pl. 7, figs 1*a-c*, 2. Cretaceous, Albian; Kent and Leighton Buzzard, Bedfordshire.

Hoploparia belli M'Coy
See *Hoploparia gammaroides* M'Coy.

Hoploparia bellii Dixon
See *Hoploparia gammaroides* M'Coy.

Hoploparia dentata (Roemer)
Figd spec. In.28218. Woods, H. 1931 : 89, pl. 26, fig. 1. Lower Cretaceous, Speeton Clay; Speeton, North Yorkshire.

Hoploparia gammaroides M'Coy
Figd specs. 41856-57. Dixon, F. 1850 : 114, 223, pl. 15, figs 3, 4. Eocene, London Clay; Bognor, West Sussex.

Hoploparia gammaroides M'Coy
Figd specs 59125, 59128, 59131-32, In.61407 (syntypes of *H. belli*). Bell, T. 1858 : 39, pl. 10, figs 1-3, 5-9. Eocene, London Clay; Chalk Farm, London.

Hoploparia gammaroides M'Coy
Figd spec. 59136. Bell, T. 1858 : 38, pl. 9. Eocene, London Clay; Copenhagen House, London.

Hoploparia gammaroides M'Coy
Figd specs 46356, 59157. Bell, T. 1858 : 38, pl. 8, figs 4, 5. Eocene, London Clay; Isle of Sheppey, Kent.

Hoploparia gammaroides M'Coy
Figd specs 46357, 59134. Woods, H. 1931 : 93, pl. 27, figs 1, 4. Eocene, London Clay; Tunnel near Chalk Farm, London.

Hoploparia gammaroides M'Coy
Figd specs 39429, 46356. Woods, H. 1931 : 93, pl. 27, figs 2, 3. Eocene, London Clay;Isle of Sheppey, Kent.

Hoploparia gammaroides M'Coy
Figd spec. 59130. Woods, H. 1931 : 93, pl. 26, fig. 5. Eocene, London Clay; Copenhagen House, London.

Hoploparia gammaroides M'Coy
Figd spec. In.27994. Woods, H. 1931 : 93, pl. 26, fig. 6. Eocene, London Clay; Highgate, London.

Hoploparia granulosa (Bell)
See *Hoploparia longimana* (Sowerby).

Hoploparia longimana (Sowerby)
Figd spec. In.61413. König, C. [n.d., *c.*1851] : pl. 18, fig. 229.
Figd spec. 42033. Bell, T. 1863 : 26, pl. 6, fig. 1. Cretaceous, Upper Greensand; Lyme Regis, Dorset.

Hoploparia longimana (Sowerby)
Figd spec. 59743. Bell, T. 1863 : 26, pl. 6, fig. 3. Cretaceous, Upper Greensand; Atherfield, Isle of Wight.

Hoploparia longimana (Sowerby)
Figd specs 42240, 39379, In.27871 (syntypes of *H. punctulata* Bell). Bell, T. 1863 : 27, pl. 5, figs 11-13.
Figd specs 41952, 39435, 42215 (syntypes of *H. sulcirostris* Bell). Bell, T. 1863 : 25, pl. 5, figs 8-10. Cretaceous, Gault; Folkestone, Kent.

Hoploparia longimana (Sowerby)
Figd spec. 46323. Woods, H. 1931 : 90, pl. 26, fig. 2. Cretaceous, Upper Greensand; Charmouth, Dorset.

Hoploparia longimana (Sowerby)
Figd spec. 59513 (holotype of *H. granulosa*) Bell, T. 1863 : 27, pl. 7, figs. 1, 2. Cretaceous, Cenomanian; Horningsham, Wiltshire.

Hoploparia punctulata Bell
See *Hoploparia longimana* (Sowerby).

Hoploparia saxbyi M'Coy
Holotype 47233. M'Coy, F. 1854 : 116, pl. 4, fig. 1. Cretaceous, Upper Greensand, *M. inflatum* Zone; Bonchurch, Isle of Wight.
Figd spec. 59503. Bell, T. 1863 : 29, pl. 8, fig. 1. Cretaceous, Upper Greensand; near Devizes, Wiltshire.

Hoploparia saxbyi M' Coy
Figd specs 39414 (2 specimens). Bell, T. 1863 : 29, pl. 8, figs 2, 3. Cretaceous, Upper Greensand; Ventnor, Isle of Wight.

Hoploparia scabra Bell
See *Palaeastacus scaber* (Bell).

Hoploparia stokesi (Weller)
Figd specs In.51772, In.51777, In.51779-80. Ball, H.W. 1960 : 6, pl. 1, figs 1-4. Upper Cretaceous, Upper Senonian; Dagger Peak, The Naze, James Ross Island, Graham Land.

Hoploparia sulcirostris Bell
See *Hoploparia longimana* (Sowerby).

Hymenocaris vermicauda Salter
Figd specs I.322, In.61414-15. Jones, T.R. & Woodward, H. 1892 : 74, pl. 13, figs 2, 3, 14.
Figd spec. I.322, Rolfe, W.D.I. 1969 : R 315, fig. 135, 1*a*. Upper Cambrian, Lingula Flags; Borth, Portmadoc, Gwynedd, Wales.

Inachus lethaeus Smirnov
Syntype In.36654. Smirnov, V.P. 1929 : 28, pl. 12, fig. 32. Oligocene; Ordzhonikidze, Vladikavkaz, N. Caucasus.

Ixa cylindrus (Fabricius)
Figd specimen 41934 (as *I. tuberculata* König). König, C. 1825 : 2, pl. 2, fig. 24. Pleistocene; Tranquebar, S. India.

Ixa tuberculata König
See *Ixa cylindrus* (Fabricius).

Laeviranina gottschei (Böhm)
Figd specs In.27875-78. Glaessner, M.F. & Withers, T.H. 1931 : 486, pl. 20, figs 1-4. Eocene, London Clay, 5th division of Wrigley; Tolworth Brickyard, Tolworth, Surrey.

Laeviranina sinuosa Collins & Morris
Holotype In. 48241 paratypes In. 35664-35668. In. 48239, In. 48240, In. 48242-44. Collins, J.S.H. & Morris, S.F. 1978: 964, pl. 116, figs 4-6. Lower Eocene, Ghazij Formation; Nila Kund, Dera Ghazi Khan, Pakistan.

Linuparus (Podocratus) eocenicus Woods
Syntype 59145. Woods, H. 1925 : 31, pl. 7, fig. 5. Eocene, London Clay; Highgate Tunnel, London.

Linuparus (Podocratus) scyllariformis (Bell)
Syntypes (figd) 59110, 59113, 59144 (unfigd) 59108, 59142-43. Bell, T. 1858: 33, pl. 4, figs 2-4. Eocene, London Clay; Chalk Farm, London.

Linuparus (Podocratus) scyllariformis (Bell)
Syntype In.43325. Bell, T. 1858: 33, pl. 4. fig. 1. Eocene, London Clay; Herne Bay, Kent.

Linuparus (Podocratus) scyllariformis (Bell)
Syntypes (figd) 59765 (unfigd) 46363, 46365, 46367. Bell, T. 1868 : 33, pl. 4, fig. 5. Eocene, London Clay; Isle of Sheppey, Kent.

Linuparus (Podocratus) scyllariformis (Bell)
Syntypes (figd) 59012, 59114 (unfigd) 59107, 59109, 59111, 59141. Bell, T. 1858 : 33, pl. 4, figs. 6, 7. Eocene, London Clay; Highgate, London.

Linuparus (Podocratus) scyllariformis (Bell)
Syntype 59106. Bell, T. 1858 : 33.
Woods, H. 1925 : 29, pl. 8, fig. 2*a*, *b*. Eocene, London Clay; Whetstone, London.

? Linuparus sp.
Figd spec.44992. Bell, T. 1863 : pl. 5, fig.14. Cretaceous, Gault; Folkestone, Kent.

Lobocarcinus indicus Glaessner
Holotype In.28125 paratypes In.28126-33. Glaessner, M. F. 1933 : 14, pl. 3, figs. 6, 7, pl. 4, fig. 1.
Figd specs In.28125, In.28127, In.28129. Sastry, M.V.A. & Mathur, U.B. 1970 : 41, pl. 7, figs. 2-4. Eocene, Lutetian, Kirthar Formation; Dera Bugti District, Pakistan.

Lobonotus orientalis Collins & Morris
Holotype In. 48245. Collins, J.S.H. & Morris, S.F. 1978: 970, pl. 116, figs 10, 11, pl. 117, fig. 1. Lower Eocene, Ghazij Formation; Nila Kund, Dera Ghazi Khan, Pakistan.

Lobonotus sculptus A. Milne-Edwards
Holotype In.28287. Milne-Edwards, A. 1863 : pl. 10, figs 1, 1*a*, *b*.
Milne-Edwards, A. 1864 : 40. Oligocene; St. Domingo, Haiti.

Lophoraninella cretacea (Dames)
Figd spec. I.4553. Glaessner, M.F. 1945 : 704, pl. 8, fig. 7. Cretaceous, Cenomanian; Hakel, Lebanon.

Mecochirus crofti (Ball)
Holotype In.51769. Ball, H.W. 1960 : 13, pl. 2, figs 1*a*, *b*, text-fig. 3B. Cretaceous, Upper Senonian; Dagger Peak Col The Naze, James Ross Island, Graham Land.

Mecochirus longimanatus (Schlotheim)
Figd spec. I.16137 . Bather, F.A. 1914 : 329, fig. 325. Glaessner, M.F. 1969 : R430, fig. 243A. Jurassic, Kimmeridgian; Solenhofen, Bavaria.

Mecochirus magnus (M'Coy)
Figd specs 34548, 59753 In.61409. Bell, T. 1863 : 33, pl. 10, figs 2, 4, 5.
Figd spec. I.927 (as *Mecochirus pearcei).* Bate, C.S. 1881 : 87, pl. 204.
Figd spec. In.27062. Woods, H. 1928 : 71, pl. 19, fig. 4. Cretaceous, Lower Greensand, Crackers Bed, Lower Aptian, *D. callidiscus* Subzone; Atherfield, Isle of Wight.

Mecochirus ornatus (Phillips)
Figd specs 42235, 44995, I.7300. Bell, T. 1863 : 33, pl. 9, figs 9-11. Lower Cretaceous, Speeton Clay; Speeton, North Yorkshire.

Mecochirus pearcei M'Coy : Bate
See *Mecochirus magnus* (M'Coy).

Mecochirus peytoni Woodward
Syntypes In.23746-47. Woodward, H. 1876 : 48, pl. 6 fig. 3. Jurassic, Kimmeridge Clay; boring (depth 317·5m) at Netherfield, nr. Hastings, East Sussex.

Mecochirus rapax (Harbort)
Figd spec. I.928 (as *Enoploclytia.* sp). Bate, C.S. 1881 : 89, pl. 205. Lower Cretaceous, Claxby Ironstone; Nettleton Hill, Normanton, Lincolnshire.

Mecochirus rapax (Harbort)
Figd specs In.27314-15. Woods, H. 1928 : 70, pl. 18, figs 6, 7. Lower Cretaceous, Tealby Clay; Donnington, Lincolnshire.

Mesodromilites birleyi Woodward
See *Mesodromilites glaber* (Woodward).

Mesodromilites glaber (Woodward)
Lectotype I. 4045. Woodward, H. 1898: 303, text-fig. Wright, C.W. & Collins, J.S.H. 1972: 60, pl. 3, fig. 6. Cretaceous, Upper Greensand, Chert Bed, Uppermost Albian, *D. perinflatum* Subzone; Baycliffe near Maiden Bradley, Wiltshire.

Mesodromilites glaber (Woodward)
Figd spec. I. 7990 (holotype of *Mesodromilites birleyae* (Woodward 1900). Woodward, H. 1900: 62, text fig. Wright, C.W. & Collins, J.S.H. 1972: 60, pl. 3, fig. 5. Cretaceous, Gault; Folkestone, Kent.

Meyeria
See *Mecochirus.*

Meyeria willetti Woodward
See *Glyphea (Glyphea) willetti* (Woodward).

Mithracia libinioides Bell
Syntypes 39349, In.43485-86. Bell, T. 1858 : 9, pl. 5, figs 10-12.
Figd specs In.43485-86. Glaessner, M.F. 1969 : R504, figs 314, 2*a*, *b*. Eocene, London Clay; Isle of Sheppey, Kent.

Mithracites vectensis Gould
Syntype In.28837. Gould, C. 1859 : 237.
Figd spec. 59771, In.28841. Bell, T. 1863 : 1, pl. 1, figs 2, 3.
Lectotype In.28837, figd specs In.25770, In.28828, In.28832, In.28835-36. Withers, T.H. 1951 : 181, pl. 17, figs 1-5.
Figd specs In.25770, In.28832, In.28835, In.28837. Wright, C.W. & Collins, J.S.H. 1972 : 40, pl. 5, figs 1-6. Cretaceous, Lower Aptian, *D. callidiscus* Subzone, Crackers Bed; Atherfield, Isle of Wight.

Mithrax (Mithraculus) ruber (Stimpson)
Figd spec. In. 61198. Collins, J.S.H. & Morris, S.F. 1976: 120, pl. 17, fig. 8. Pliocene?, Coral Rock; Gibbons, Barbados.

Mithrax (Mithrax) caribbaeus Rathbun
Figd spec. In. 61197. Collins, J.S.H. & Morris, S.F. 1976: 120, pl. 18, fig. 1. Pliocene?, Coral Rock; Gibbons, Barbados.

Mithrax (Mithrax) carribaeus Rathbun
Figd spec. In. 61358. Collins, J.S.H. & Morris, S.F. 1976: 120, pl. 18, fig. 2. Pleistocene, Coral Rock; Highgate, Barbados.

Mithrax (Mithrax) hemphilli Rathbun
Figd spec. In. 61208. Collins, J.S.H. & Morris, S.F. 1976: 118, pl. 17, figs 4-5. Figd spec. In. 61213. Collins, J.S.H. & Morris, S.F. 1976: 118, pl. 17, fig. 6. Pleistocene, Coral Rock; Highgate, Barbados.

Mithrax (Mithrax) hispidus (Herbst)
Figd spec. In. 61191. Collins, J.S.H. & Morris, S.F. 1976: 119, pl. 17, fig. 2. Figd spec. In. 61192. Collins, J.S.H. & Morris, S.F. 1976: 119, pl. 17, fig. 3. Pliocene?, Coral Rock; Gibbons, Barbados.

Mithrax (Mithrax) spinosissimus (Lamarck)
Figd spec. In. 61207. Collins, J.S.H. & Morris, S.F. 1976: 118, pl. 18, figs 3,4. Pleistocene, Coral Rock; Clapham, Barbados.

Mithrax (Mithrax) spinosissimus (Lamarck)
Figd spec. In. 61355. Collins, J.S.H. & Morris, S.F. 1976: 118, pl. 17, fig. 1. Pliocene?, Coral Rock; Blower's Gulley, north of Bridgetown, Barbados.

Mithrax (Mithrax) verrucosus H. Milne-Edwards
Figd spec. In.61200. Collins, J.S.H. & Morris, S.F. 1976: 119, pl. 17, fig. 7. Pliocene?, Coral Rock; Gibbons, Barbados.

Mithrax (Mithrax) verrucosus H. Milne-Edwards
Figd spec. In. 61357. Collins, J.S.H. & Morris, S.F. 1976: 119, pl. 18, fig. 5. Pleistocene, Coral Rock; Clapham, Barbados.

Mithrax (Mithrax) verrucosus H. Milne-Edwards
Figd spec. In. 61391. Collins, J.S.H. & Morris, S.F. 1976: 119, pl. 18, fig. 6. Pleistocene, Coral Rock; Garrison, Barbados.

Nahecaris stuertzi Jaekel
Syntype In.22505. Jaekel, O. 1921 : 290, text-fig.
Lectotype In.22505. Hennig, E. 1922 : 132, pl. 32, fig. 1. Lower Devonian, Coblenzian, Hunsruck Slates ; Gemünden, Germany.

Nahecaris stuertzi Jaekel
Syntype In.22506. Jaekel, O. 1921 : 290. Paralectotype In.22506. Hennig, E. 1922 : 132, pl. 32, fig. 2. Lower Devonian, Hunsruck Slates ; Bundenbach, Germany.

Necrocarcinus glaber Woodward
See *Mesodromilites glaber* (Woodward).

Necrocarcinus labeschii (Deslongchamps)
Figd spec. In.29812 (as *Arcania?*). Leach, W.E. 1822 : 96, pl. 29, figs 7, 8.
Mantell, G.A. 1833 : 169, fig. 3. (as *Arcania*). Cretaceous, Gault; Norlington Green, East Sussex.

Necrocarcinus labeschii (Deslongchamps)
Figd spec. In.29885. Bell, T. 1863 : 20, pl. 4, figs 4, 8. Cretaceous, Cambridge Greensand; Cambridge.

Necrocarcinus labeschii (Deslongchamps)
Figd specs In.31310-11. Bell, T. 1863 : 20, pl. 4, figs 6, 7. Cretaceous, Gault; Folkestone, Kent.

Necrocarcinus labeschii (Deslongchamps)
Figd specs In.60961, In.60963. Wright, C.W. & Collins, J.S.H. 1972 : 63, pl. 11, figs 6, 7*a-c*. Cretaceous, Cenomanian, *M. mantelli* Zone; White Hart Pit, Wilmington, Devon.

Necrocarcinus labeschii (Deslongchamps)
Figd spec. In.29812. Wright, C.W. & Collins, J.S.H. 1972 : 63, pl. 22, figs 8*a-c*. Cretaceous, Gault; Norlington Green, East Sussex.

Necrocarcinus tricarinatus Bell
Lectotype 59519. Bell, T. 1863 : 21, pl. 4, fig. 9. Wright, C.W. & Collins, J.S.H. 1972 : 66. Cretaceous, Upper Greensand (probably uppermost Albian); Wiltshire.

Necrocarcinus tricarinatus Bell
Figd spec. 59808. Woodward, H. 1868*a* : 259, pl. 14, fig. 4. Cretaceous, Gault; Folkestone, Kent.

Necrocarcinus woodwardii Bell
Lectotype 36645, paralectotype 36644. Bell, T. 1863 : 20, pl. 4, figs 2, 3. Wright, C.W. & Collins, J.S.H. 1972 : 65. Cretaceous, Cenomanian (?Rye Hill Sands); Warminster, Wiltshire.

Necrocarcinus sp.
Figd spec. In.48202 (as 'carapace of crab'). Forbes, E. 1846 : 157, pl. 19, fig. 12.
Figd spec. In.48202 (as *Neocarcinus?*). Sastry, M.V.A. & Mathur, U.B. 1970 : 42, pl.8, fig. 2. Cretaceous, Senonian;

Pondicherry, India.

Necrocarcinus sp.
Figd specs 59516 (2 specs). Bell, T. 1863 : 21, pl. 5, figs 4, 7. Cretaceous, Cenomanian (?Rye Hill Sands); Warminster, Wiltshire.

Necrogammarus salweyi Woodward
Holotype In.43786. Salter, J.W. 1859 : 25, pl. 13, fig. 17. Woodward, H. 1870*c* : 272, sketch 11, fig. 2. Silurian, Ludlow Series; Church Hill, Leintwardine, Salop.

Necronectes proavitus (Rathbun)
Figd spec. In.59989. Collins, J.S.H. & Morris, S.F. 1976 : 125, pl. 19, fig. 9. Middle Miocene, Brasso Formation; Manural River, near Caparo, Saca Manteca, Trinidad.

Necronectes schafferi Glaessner
Figd spec. In.28049. Glaessner, M.F. 1933 : 13, pl. 1, fig. 1. Lower Miocene, *Globigerina* Limestone; Malta (exact locality unknown).

Necroscilla wilsoni Woodward
See *Pygocephalus dubius* (Milne-Edwards)

Necrozius bowerbankii A. Milne-Edwards
See *Cyclocorystes pulchellus* Bell.

Neocarcinus
See *Necrocarcinus.*

Neptunus arabicus Woodward
See *Charybdis arabica* (Woodward).

Notocaris tapscotti Broom
Syntypes In.28208-12, In.29589-91. Broom, R. 1931 : 571, pl. 1, figs 3, 4, 6, 7, 9. Permian, Dwyka Series; Kimberley, South Africa.

Notopocorystes mantelli M'Coy
See *Notopocorystes (Notopocorystes) stokesii* Mantell.

Notopocorystes (Cretacoranina) broderipii (Mantell).
Figd spec. 35074. Leach, W.E. 1822 : 97, pl. 29, figs 9, 10.
Syntypes 35074, In.61147-50. Mantell, G.A. 1844 : 532-34, fig. 115, 3*a*. Cretaceous, Gault; Ringmer, East Sussex.

Notopocorystes (Cretacoranina) broderipii (Mantell)
Figd specs In.31312-13. Bell, T. 1863 : 14, pl. 2, figs 8-10. Cretaceous, Gault; Folkestone, Kent.

Notopocorystes (Cretacoranina) broderipii (Mantell)
Figd specs In.60979-80. Wright, C.W. & Collins, J.S.H. 1972 : 82, pl. 16, fig. 5, pl. 17, fig. 3. Cretaceous, Lower Gault; Dunton Green, Sevenoaks, Kent.

Notopocorystes (Cretacoranina) broderipii (Mantell)
Figd specs In.29977, 59796, In.27329, In.31312. Wright, C.W. & Collins, J.S.H. 1972 : 82, pl. 17, fig. 1, pl. 18, figs 1-3. Cretaceous, Gault; Folkestone, Kent.

Notopocorystes (Cretacoranina) ornatus Wright & Collins
Paratypes In.60981, In.61139. Wright, C.W. & Collins, J.S.H. 1972 : 85, pl. 18, fig. 5. (copy of photograph in the British Museum (Nat. Hist.) of an untraced specimen.) Cretaceous, Cenomanian, *M. mantelli* Zone; White Hart Pit, Wilmington, Devon.

Notopocorystes (Cretacoranina) syriacus (Withers)
Holotype I.8407. Withers, T.H. 1928 : 459, pl. 13, figs 1-3. Upper Cretaceous (?Cenomanian) ; Mount Lebanon, Syria.

Notopocorystes (Eucorystes) oxtedensis Wright & Collins
Holotype In.60983. Wright, C.W. & Collins, J.S.H. 1972 : 79, pl. 16, fig. 1. Cretaceous, Lower Albian, *C. floridum* subzone, Folkestone Beds; Coney Hill Priory Sandpit, Barrow Green, Oxted, Surrey.

Notopocorystes (Notopocorystes) normani (Bell)
Figd spec 44346. Wright, C.W. & Collins, J.S.H. 1972 : 77, pl. 15, figs 2*a-c*. Cretaceous, Lower Chalk, Cenomanian; Dover, Kent.

Notopocorystes (Notopocorystes) stokesii (Mantell)
Syntypes 10806, 35075-76, I.7479, In.31316, In.61141-46, In.61151. Mantell, G.A. 1844 : 532. Lectotype In.61146, Paralectotypes In.61151, In.61143. Wright, C.W. & Collins, J.S.H. 1972 : 73, pl. 13, fig. 6, pl. 14, fig. 1, pl. 22, fig. 7. Cretaceous, Gault; Ringmer, East Sussex.

Notopocorystes (Notopocorystes) stokesii praecox. Wright & Collins.
Paratypes In.60970-76 (unfigd). Wright, C.W. & Collins, J.S.H. 1972 : 75. Cretaceous, Lower Albian, *C. floridum* Subzone; Squerrye's Pit, Westerham, Kent.

Notopocorystes (Notopocorystes) stokesii serotinus Wright & Collins.
Figd. spec. 34380. Bell, T. 1863 : 15, pl. 13, fig. 3. Cretaceous, Cambridge Greensand; Cambridge.

Notopocorystes (Notopocorystes) stokesii serotinus Wright & Collins
Paratypes In.61141-43. Wright, C.W. & Collins, J.S.H. 1972 : 76, pl. 22, fig. 7. Cretaceous, Upper Gault; ?Ringmer, East Sussex.

Notopocorystes (Notopocorystes) stokesii serotinus Wright & Collins
Paratype In.60993. Wright, C.W. & Collins, J.S.H. 1972 : 76, pl. 14, fig. 4. Cretaceous, Lower Gault, *D. cristatum* Subzone; Greatness Lane, Sevenoaks, Kent.

Notopocorystes (Notopocorystes) stokesii stokesii (Mantell)
Figd spec. 35075 (as *?Corystes*). Leach, W.E. 1822 : 97, pl. 29, figs 15, 16.
Mantell, G.A. 1833 : 169, fig. 2.
Syntypes 10806, 35075-76, In.61144-46, In.61151. Mantell, G.A. 1844 : 533 . Cretaceous, Gault; Ringmer, East Sussex.

Notopocorystes (Notopocorystes) stokesii stokesii (Mantell)
Figd specs I.7479, In.31316. Bell, T. 1863 : 15, pl. 3, figs 1, 4. Cretaceous, Gault; Folkestone, Kent.

Notopocorystes (Notopocorystes) stokesii stokesii (Mantell)
Figd spec. In.60977. Wright, C.W. & Collins, J.S.H. 1972 : 76, pl. 13, figs 5*a*, *b*. Cretaceous, Lower Gault, *H. spathi* Subzone; Dunton Green, Sevenoaks, Kent.

Notopocorystes (Notopocorystes) stokesii stokesii (Mantell)
Lectotype In.61146, paralectotypes In.61151 (figd), 10806, 35075-76, In.61144-45 (unfigd). Wright, C.W. & Collins, J.S.H. 1972 : 76, pl. 13, fig. 6, pl. 14, fig. 1. Cretaceous, Gault; Ringmer, East Sussex.

Notopocorystes (Notopocorystes) stokesii stokesii (Mantell)
Figd spec. In.60992 (as *Notopocorystes stokesii serotinus).* Wright, C.W. & Collins, J.S.H. 1972 : 76, pl. 14, fig. 3. Cretaceous, Lower Gault, *D. cristatum* Subzone; Greatness Lane, Sevenoaks, Kent.

Notopocorystes? sp.
Figd spec. 45049. Leach, W.E. 1822 : 223, pl. 29, fig. 2. Cretaceous; East Sussex.

Orithopsis bonneyi Carter
See *Necrocarinus tricarinatus.* Bell.

Orythia labeschii Deslongchamps
See *Necrocarcinus labeschii* (Deslongchamps).

Pagurus faujasi Desmarest
See *Protocallianassa faujasi* (Desmarest).

Palaeastacus scaber (Bell)
Syntypes 39377, 39380, 41938. Bell, T. 1863 : 28, pl. 7, figs 3, 4, 7. Cretaceous, Gault; Folkestone, Kent.

Palaeastacus scaber (Bell)
Figd spec. In.27684. Woods, H. 1930 : 83, pl. 23, fig. 10. Cretaceous, Cambridge Greensand; Cambridge.

Palaeastacus scaber (Bell)
Lectotype 41938, paralectotypes 39377, 39380. Förster, R. 1966 : 132, pl. 17, fig. 9. Cretaceous, Gault; Folkestone, Kent.

Palaeastacus sussexiensis (Mantell)
Syntypes 5024, 5584-86, 5589, 5600-02, 5608, 5613, 5618, 5624, 5626, 5629, 10760. Mantell, G.A. 1833 : 124, fig. 2 (5624). Cretaceous, Chalk; Lewes, East Sussex.

Palaeastacus sussexiensis (Mantell)
Figd spec. In.36768 (syntype of *Enoploclytia dixoni* Bell). Bell, T. 1850 : 344, pl. 38*, fig. 3. Cretaceous, Lower Chalk; East Sussex.

Palaeastacus sussexiensis (Mantell)
Figd spec. In.60142. Förster, R. 1966: 133, pl. 17, fig. 6. Cretaceous, Cenomanian; Burham, Kent. Förster (p. 134) selected as a lectotype one of the syntypes of *Enoploclytia dixoni* Bell; the selection should have been made from the original syntypes of Mantell. The lectotype is invalid under the Rules.

Palaega carteri Woodward
Syntype 45081. Woodward, H. 1870 : 493, pl. 22, fig. 3. Upper Cretaceous, Lower Chalk; Dover, Kent.

Palaeinachus longipes Woodward
See *Prosopon auduini* (Deslongchamps).

Palaeocarabus russellianus Salter
See *Pygocephalus dubius* (Milne-Edwards).

Palaeocaris praecursor (Woodward)
See *Praeanaspides praecursor* Woodward *(pars)* or *Palaeocaris retractata* Calman *(pars).*

Palaeocaris retractata Calman
Holotype In.29012. Calman, W.T. 1911 : 488, text-fig. 1. Calman, W.T. 1932 : 539, Upper Carboniferous, Westphalian; Coseley, West Midlands.

Palaeocarpilius aquilinus Collins & Morris
Holotype In.60890, paratypes In.60891-92. Collins, J.S.H. & Morris, S.F. 1973 : 284, pl. 29, fig. 8, pl. 30, figs 5-8. Eocene, Lutetian; 40 miles south-west of Beda Oilfield, Central Libya.

Palaeocarpilius aquilinus Collins & Morris
Paratypes In.60893-99. Collins, J.S.H. & Morris, S.F. 1973 : 284, pl. 29, figs 1-7, pl. 30, figs 1-4. Eocene, Lutetian; Bu el Haderait, Central Libya.

Palaeocarpilius intermedius Stubblefield
Holotype In.26960 paratypes In.26961-65, In.26968. Stubblefield, C.J. 1927 : 118, pl. 22, pl. 23, figs 6-9. Lower Miocene; Funzi and Pemba Islands, East Africa.

Palaeocarpilius klipsteini (von Meyer)
Holotype 41873. Meyer, H. von, 1862 : 161, pl. 17, figs 9-12. Eocene, Lutetian; Kressenberg, Bavaria.

Palaeocorystes Bechei Deslongchamps
See *Necrocarcinus labeschii* (Deslongchamps)

Palaeocorystes broderipii (Mantell)
See *Notopocorystes (Cretacoranina) broderipii* (Mantell).

Palaeocorystes stokesii
See *Notopocorystes (Notopocorystes) stokesii.* (Mantell)

Palaeodromites incertus (Bell)
Lectotype In. 60136 (ex 59524). Bell, T. 1863: 8, pl.1, figs 17, 18.
Glaessner, M.F. 1932: 584, pl. 28, figs 9. 10.
Wright, C.W. & Wright, E.V. 1950: 20, text-fig. 7.
Wright, C.W. & Collins, J.S.H. 1972: 50, pl. 9, fig. 1.
Cretaceous, Cenomanian, *M. mantelli* Zone, Rye Hill Sands; Horningsham, Wiltshire.

Palaeodromites incertus (Bell)
Figd spec. In. 61155. Wright, C.W. & Collins, J.S.H. 1972: 50, pl. 8, fig. 6. Cretaceous, Cenomanian, *M. mantelli* Zone; White Hart Pit, Wilmington, Devon.

Palaeodromites sinuososulcatus Wright & Collins
Figd spec. In. 60937. Wright, C.W. & Wright, E.V. 1950: 21, text-figs 9*a*, *b*.
Holotype In. 60937 paratype In. 60938. Wright, C.W. & Collins, J.S.H. 1972: 49, pl. 8, figs 3*a-c*. Cretaceous, Lower Albian, *L. regularis* Subzone; Munday's Hill Pit, Leighton Buzzard, Bedfordshire.

Palaeopagurus tuberculatus Van Straelen
Figd spec. In.22925. Deslongchamps, J.A. Eudes — 1835 : 45, pl. 1, figs 12, 13. Jurassic, Forest Marble; Bénouville, Normandy, France.

Palinurina longipes Münster
Figd spec. 41969 (syntype *P. intermedia* Münster). Münster, G. 1839 : 38, pl. 29, fig. 8. Jurassic, Kimmeridgian; Solenhofen, Bavaria, Germany .

Palinurina longipes Münster
Figd spec. In.22915. Woodward, H. 1868 : 260, pl. 14, fig. 5. Jurassic, Lower Lias; Lyme Regis, Dorset.

Panopeus sp.
Figd spec. In.23787. Withers, T.H. 1924 : 231, pl. 6, fig. 9. Upper Oligocene; Cartouche Bay, Anguilla.

Paranecrocarcinus (Paranecrocarcinus) digitatus Wright & Collins
Holotype In.60965, paratypes In.60966-68. Wright, C.W. & Collins, J.S.H. 1972 : 69, pl. 12, figs 7*a-c*, text-fig. 10*a*. Cretaceous, Cenomanian, *M. mantelli* Zone; White Hart Pit, Wilmington, Devon.

Paranecrocarcinus (Paranecrocarninus) foersteri Wright & Collins.
Holotype In.60969, paratype In.61164, Wright, C.W. & Collins, J.S.H. 1972 : 70, pl. 22, figs 5*a-c*. Cretaceous, Cenomanian, *M. mantelli* and *A. rhotomagense* Zones; White Hart Pit, Wilmington, Devon.

Paranecrocarcinus (Pseudonecrocarcinus) biscissus Wright & Collins
Holotype In.61166. Wright, C.W. & Collins, J.S.H. 1972 : 71, pl. 22, fig. 6, text-fig. 10*b*. Cretaceous, Cenomanian, *M. mantelli* Zone; White Hart Pit, Wilmington, Devon.

Parthenope sp.
Figd spec. In.23788. Withers, T.H. 1924 : 232, pl. 6,

fig. 10, Upper Oligocene; Cartouche Bay, Anguilla.

Penaeus natator Glaessner
Holotype **59690** paratypes **59511**, In.**29563**, In.**29578**. Glaessner, M.F. 1945 : 700, fig. 3. Cretaceous, Senonian; Sahel Alma, Mt. Lebanon, Syria.

Penaeus sharpii Woodward
See *Antrimpos sharpii* (Woodward)

Perimecturus parki (Peach)
Figd spec. In.**35330**. Dean, W.T. *et al.* 1964 : pl. 62, fig. 10. Lower Carboniferous, Calciferous Sandstone; Eskdale, Dumfries & Galloway, Scotland.

Persephona cf. punctata punctata (Linné)
Figd spec. In.**59960**. Collins, J.S.H. & Morris, S.F. 1976 : 116, pl. 18, figs 8, 9. Miocene, Manzanilla Formation; Manzanilla Bay, Trinidad, West Indies.

Phlyctisoma granulatum Bell
See *Palaeastacus scaber* (Bell).

Phlyctisoma perroni (Étallon)
Figd specs In.27137-8,33414 (holotype and paratypes respectively of *Enoploclytia dorsetensis* Woods). Woods, H. 1930 : 81, pl. 23, figs 1-3.
Figd spec. In.**27137**. Förster, R. 1966 : 140, pl. 18, fig. 5. Jurassic, Corallian; Weymouth, Dorset.

Phlyctisoma sp.
Figd spec. In.**27856**. Förster, R. 1966 : 145, pl. 18, fig. 10. Lower Cretaceous, Speeton Clay; Speeton, North Yorkshire.

Phreatoicus wianamattensis Chilton
See *Protamphisopus wianamattensis* (Chilton).

Phyllocarida?
Figd spec. I.**2611**. Jones, T.R. & Woodward, H. 1893 : 201, pl. 10, figs 6*a*, *b*. Ordovician, Llandeilo Series? Abereiddy Bay, Dyfed, Wales.

Physocaris vesica Salter
See *Ceratiocaris cassia* (Salter).

Pilumnus sp.
Figd spec. In.**61360**. Collins, J.S.H. & Morris, S.F. 1976 : 126, pl. 19, fig. 10. Pleistocene, Coral Rock (91·5m); Clapham, Barbados, West Indies.

Pinnixa (Palaeopinnixa) perornata Collins & Morris
Holotype In.**61361**. Collins, J.S.H. & Morris, S.F. 1976 : 127, pl. 19, fig. 4. Lower or Middle Eocene, Scotland Beds; Spa, Barbados, West Indies.

Pithonoton cenomanense Wright & Collins
Holotype In.**61125**, paratypes In.**60987**, In.**60918**. Wright, C.W. & Collins, J.S.H. 1972 : 25, pl. 2, figs 6, 7. Cretaceous, Cenomanian, *M. mantelli* Zone; White Hart Pit, Wilmington, Devon.

Pithonoton grande Meyer
Figd spec. In.**36846**. Withers, T.H. 1951 : 175, text-figs 7-9. Upper Jurassic, Tithonian; Stramberg, Czechoslovakia.

Pithonoton marginatum Meyer
Figd spec. In.**38253**. Withers, T.H. 1951 : 175, text-figs 4-6. Upper Jurassic, Tithonian; Stramberg, Czechoslovakia.

Pithonoton richardsoni (Woodward)
Holotype In.**17026**. Woodward, H. 1907 : 79-81, figs 1, 2.
Withers, T.H. 1951 : 174, pl. 15, figs 1-3. Jurassic, Bajocian/Bathonian, probably Doulting Beds, *Anabacia* Limestone; Tor Hill, Wotton-under-Edge, Gloucestershire.

Pithonoton scarabaeum Wright & Wright
Paratypes In.**60911-16**, In.**61008-09**. Wright, C.W. & Wright, E.V. 1950 : 17, pl. 1, fig. 3, 5, 6, text-figs 3-5.
Figd specs In.**60911**, In.**60917**, In.**61159**. Wright, C.W. & Collins, J.S.H. 1972 : 25, pl. 2, figs 1, 3, 4, text-figs 3*a-d*. Cretaceous, Lower Albian, *L. regularis* Subzone, Shenley Limestone; Munday's Hill Pit, Leighton Buzzard, Bedfordshire.

Plagiolophus vancouverensis Woodward
See *Archaeopus vancouverensis* (Woodward).

Plagiolophus wetherelli Bell
See *Glyphithyreus wetherelli* (Bell).

Plagiophthalmus nitonensis Wright & Wright
Holotype In.**60919**. Wright, C.W. & Wright, E.V. 1950 : 15, pl. 1, fig. 2, text-figs 2*a*, *b*.
Figd spec. In.**60919**. Wright, C.W. & Collins, J.S.H. 1972 : 28, pl. 2, fig. 8, text-figs 4*a*, *b*. Cretaceous, derived from Carstone, Lower Albian, *D. mammillatum* Zone; Reeth Bay, Niton, Isle of Wight.

Plagiophthalmus oviformis Bell
Syntypes In.**31320-24**. Bell, T. 1863 : 9, pl. 2, figs 1-3. Cretaceous, Cenomanian, *M. mantelli* Zone; ?Warminster, Wiltshire.

Plagiophthalmus oviformis Bell
Figd spec. In.**60920**. Wright, C.W. & Wright, E.V. 1950 : 14, pl.1, fig. 1. Cretaceous, Cenomanian; Whitecliff, Seaton, Devon.

Plagiophthalmus oviformis Bell
Figd spec. In.**60921**. Wright, C.W. & Wright, E.V. 1950 : 14, text-figs 1*a-c*.
Wright, C.W. & Collins, J.S.H. 1972 : 29, pl. 2, figs 9*a-c*. text-figs 4*c-e*. Cretaceous, Cenomanian, *M. mantelli* Zone; White Hart Pit, Wilmington, Devon.

Plagiophthalmus oviformis Bell
Lectotype In.**31323**, paralectotypes In.**31320-22**, In.**31324**. Wright, C.W. & Collins, J.S.H. 1972 : 29, pl. 2, figs 10*a-b*. Cretaceous, Cenomanian, *M. mantelli* Zone; ?Warminster, Wiltshire.
Note: Wright & Collins intended to select as lectotype the syntype of Bell 1862, pl. 2, figs 1-3 (In.**31324**), but unfortunately selected the wrong syntype (In.**31323**), their pl. 2, fig. 10.

Platypodia oweni Bell
See *Diaulax oweni* (Bell).

Pleurocaris annulatus Calman
Holotype In.**29008** paratypes I.**13813-14**, In.**29009**. Calman, W.T. 1911 : 156, text-fig. 1.
Figd spec. I.13814. Calman, W.T. 1911*a* : 494, fig. 5. Upper Carboniferous; Coseley, West Midlands.

Podophthalmus vigil (Fabricius)
Figd spec. In.**59304**. Deraniyagala, P.E.P. 1958 : 18, pl. 5, fig. 1. Pleistocene; Matti aru near Kutchavalli 22 miles north of Trincomalee, Ceylon.

Portunites incerta Bell
Syntypes, **59104-05**, I.7313. Bell, T. 1858 : 21, pl. 3, figs 1-3.
Milne-Edwards, A. 1860 : 275, pl. 3, fig. 4, pl. 9, figs 2*a-c*. Eocene, London Clay; Isle of Sheppey, Kent.

'Portunus' lancetidactylus Smirnov
Syntype In.**36651** (counterpart). Smirnov, V.P. 1929 : 17, pl. 4, fig. 3.
Oligocene; Ordzhonikidze, Vladikavkaz, N. Caucasus, Russia.

Portunus (Achelous) withersi (Glaessner).
Holotype In.24479, paratypes In.24480-81.
Glaessner, M.F. 1933 : 8, pl. 2, figs 1-3, Miocene, Vindobonian, Lower Middle Fars Group, *Ostrea virleti* Beds; Sulabadar, Iran.

Portunus (Portunus) gibbesii (Stimpson)
Figd specs In.61204-05. Collins, J.S.H. & Morris, S.F. 1976 : 124, pl. 20, figs 9-11. Pleistocene, Coral Rock (104m); Highgate, Barbados, West Indies.

Portunus (Portunus) oblongus Rathbun
Figd specs In.60006, In.59949, In.59998, In.59971, In.59952, In.59983. Collins, J.S.H. & Morris, S.F. 1976 : 121, pl. 20, figs 1-8. Miocene, Manzanilla Formation, 'Crab Claw' Beds; Manzanilla Bay, Trinidad.

Portunus (Portunus) vocans A. Milne-Edwards
Figd spec. In.61206, Collins, J.S.H. & Morris, S.F. 1976 : 124, pl. 20, fig. 12, Pleistocene, Coral Rock (104m.); Highgate, Barbados, West Indies.

Portunus sp.
Figd spec. In.26966. Stubblefied, C.J. 1927 : 120, pl. 23, fig. 10. Lower Miocene; Kichwani Quarry, Pemba Island, East Africa.

Potamon (Potamon) sivalense Glaessner
Holotype In.28075, paratype In.28074. Glaessner, M.F. 1933 : 12, pl. 3, fig. 4.
Figd spec. In.28075. Sastry, M.V.A. & Mathur, U.B. 1970 : 68, pl. 22, fig. 5. Miocene, Siwalik Beds; Siwalik Hills, India.

Potamonautes (Lirrangopotamonautes) tugenensis Morris
Paratypes In.61517-24. Morris, S.F. 1976 : 295. Miocene, Ngorora Formation, Member C; Kamwina, 32 km north-west of Lake Baringo, Tugen Hills, Kenya.

Praeanaspides praecursor Woodward
Syntype I.8840. Woodward, H. 1908 : 385, text-fig. 3.
Paralectotype I.8840. Calman, W.T. 1932 : 539. Upper Carboniferous; Shipley Hall Estate near Ilkeston, Derbyshire.

Praeatya scabrosa (Woodward)
See *Pseudoglyphea scabrosa* (Woodward).

Propalaemon osborniensis Woodward
Syntype In. 24494. Woodward, H. 1903 : 98, pl. 5, fig. 2.
Figd spec. I. 4856. Woods, H. 1925: 4, pl. 1, fig. 2. Oligocene; Chapelcorner Copse between Kings Quay and Wootton Creek, Isle of Wight

Prosopon auduini (Deslongchamps)
Paralectotype 57979. Deslongchamps, J.A. Eudes —. 1835 : 39, pl. 1, fig. 6.
Hée, A. 1924 : 148. Jurassic, Upper Bathonian, Couches à Polypiers; Ranville, Calvados, France.

Prosopon auduini (Deslongchamps)
(Cast of holotype of *Prosopon longipes* (Woodward)).
Woodward, H. 1866 : 493, pl. 24, fig. 1.
Figd cast (of holotype of *Prosopon longipes*).
Bather, F.A. 1911 : 101, fig. 49. Jurassic, Upper Bathonian, Forest Marble; Malmesbury, Wiltshire.
The original specimen (holotype by monotypy) of *Palaeinachus longipes* Woodward was withdrawn from the collections of the British Museum in 1869 at the request of Prof. J.B. Waterhouse and returned to Prof. T. Bell. It is now missing, but casts were deposited at the British Museum (Natural History) London and the Natural History Museum, Paris.

Prosopon mammillatum Woodward
Figd specs I. 269, I. 3048, In. 28821. Withers, T. H. 1951: 177, pl. 16, figs 1-4. Middle Jurassic, Middle Bathonian, Great Oolite, Stonesfield Slate; Oxfordshire.

Protamphisopus wianamattensis (Chilton)
Syntypes In.18485, In.34991-96. Chilton, C. 1918 : 382, figs 1-4, 8-12.
Figd spec. In.34996. Chilton, C. 1918*a*: 277, fig.2.
Figd spec. In.34996 (restoration). Nicholls, G.E. 1943 : 111, text-fig. 26A. Upper Trias, Wianamatta Shale; St. Peter's Brickworks, Newtown, Sydney, N.S.W. Australia.

Protaxius isochelus (Woodward)
Syntypes In.23741-42. Woodward, H. 1876 : 47, pl. 6, figs 1, 2.
Figd spec. In.23742. Beurlen, K. 1930 : 228, fig. 4. Beurlen, K. 1930*a* : 369, fig. 36. Jurassic, Kimmeridgian; boring (depth 322m.) at Netherfield near Hastings, East Sussex.

Protocallianassa faujasi (Desmarest)
Figd spec. 38401. König, C. 1825 : 2, pl. 2, fig. 20. Cretaceous, Upper Chalk; Maastricht, Holland.

Protocarcinus longipes (H. Woodward)
See *Prosopon auduini* (Deslongchamps).

Proxicarpilius minor Collins & Morris
Holotype In. 61647, paratypes In. 61648-59. Collins, J.S.H. & Morris, S.F. 1978: 976, pl. 117, figs 6, 8, 9, pl. 118, figs 5, 6, 11. Middle Eocene, Kirthar Formation; Drazinda Shale; Parwara near Domanda, Dera Ismail Khan district, Pakistan.

Proxicarpilius planifrons Collins & Morris
Holotype In. 61575, paratypes In. 61576—In. 61646. Collins, J.S.H. & Morris, S.F. 1978; 972, pl. 117, figs 5, 7, pl. 118, figs 1-4, 7. Middle Eocene, Kirthar Formation, Domanda Shale; Ramak Kwar, *c.* 85km south-west of Dera Ismail Khan, Pakistan.

Pseudoglyphea ancylochelis (Woodward)
Holotype 46322. Woodward, H. 1863: 318, pl. 11.
Figd spec. 46322. Woods, H. 1926 : 46, pl. 12, fig. 2 Jurassic, Lower Lias, *A. bucklandi* Zone; Lyme Regis, Dorsetshire.

Pseudoglyphea grandis (Meyer)
Figd spec. In. 24105. Woodward, H. 1868 : 353, pl. 17, fig. 1.
Woods, H. 1926 : 43, pl. 12, fig. 1. Jurassic, Lias; Mickleton Tunnel, Gloucestershire.

Pseudoglyphea grandis (Meyer)
Figd spec. In. 61408 (as *Glyphea heerii*). Woodward, H. 1868 : 355, pl. 17, fig. 3. Jurassic, Lias; Lyme Regis, Dorset.

Pseudoglyphea scabrosa (Woodward)
Syntypes 38418-19. Woodward, H. 1878 : 289, pl. 7, fig. 1. Jurassic, Lower Lias; Barrow-on-Soar, Leicestershire.

Pseudoglyphea scabrosa (Woodward)
Syntype In. 28392. Woodward, H. 1878 : 289, pl. 7, fig. 2. Jurassic, Lower Lias; Bath, Avon.

Pseudoglyphea scabrosa sp.
Figd spec. In. 23095. Woods, H. 1926 : 47, pl. 12, fig. 4. Jurassic, Lias; probably Whitby, North Yorkshire.

Pseudorhombila patagonica Glaessner
Holotype In.28031. Glaessner, M.F. 1933 : 24, pl. 3, fig. 5.
Glaessner, M.F. 1969 : R527, figs 335, 4. Miocene, Patagonian Beds; Chabut, Patagonia, Argentine.

Pseudosculda laevis (Schlüter)
Figd spec. I.112. Woodward, H. 1879 : 552, pl. 26, fig. 4. Cretaceous; Lebanon.

Pygocephalus dubius (Milne-Edwards)
Figd spec. I. 14447, In. 18568 (as *Pygocephalus cooperi* Woodward). Woodward, H. 1907*a* : 405, pl. 18, fig. 1, text-fig. 1. Upper Carboniferous; Coseley, West Midlands, and Sparth Bottoms, Rochdale, Greater Manchester.

Pygocephalus dubius (Milne-Edwards)
Figd spec. 46440. Salter, J.W. 1863*a* : 520, text-fig. 1. Upper Carboniferous, Westphalian; Airdrie, Scotland.

Pygocephalus dubius (Milne-Edwards)
(Holotype In.60441 of *Amphipeltis paradoxus* Salter). Salter, J.W. 1863 : 79, fig. 11. Devonian; St. Johns, Nova Scotia, Canada.

Pygocephalus dubius (Milne-Edwards)
(Holotype In.18580 of *Pygocephalus parkeri* Woodward). Woodward, H. 1907*a* : 407, text-fig. 2.
Figd spec. In.18580. Parker, W.A. 1908 : 69, text-fig. Parker, W.A. 1909 : 4, text-fig. Upper Carboniferous; Sparth Bottoms, Rochdale, Greater Manchester.

Pygocephalus dubius (Milne-Edwards)
(Holotype I.992 of *Necroscilla wilsoni* Woodward). Woodward, H. 1879*a* : 551, pl. 26, fig. 3. Upper Carboniferous, Coal Measures; Cossall near Ilkeston, Derbyshire.

Pyromaia inflata Collins & Morris
Holotype In. 48246. Collins, J.S.H. & Morris, S.F. 1978: 965, pl. 116, figs 7-9. Lower Eocene, Ghazij Formation; Nila Kund, Dera Ghazi Khan, Pakistan.

Ranina reussi Woodward
See *Ranina (Lophoranina) bakeri* Milne-Edwards.

Ranina (Lophoranina) bakeri A. Milne-Edwards
In.60485 (ex23283), In.60484 (ex23284) (syntypes of *Ranina reussi* Woodward). Woodward, H. 1866 : 592.
Holotype In.60485 (ex 23283). Milne-Edwards, A. 1872 : 4, 8.
Withers, T.H. 1932*a* : 468, pl. 13, figs 3-5.
Figd spec. In60484 (ex23284) In.60485 (ex23283). Sastry, M.V.A. & Mathur, U.B. 1970 : 39, pl. 7, figs 1,*a*, *b*. Middle Eocene, Middle Kirthar Formation; probably Sind, Pakistan.

Ranina (Lophoranina) marestiana (König)
Holotype 42229. König, C. 1825 : 2, pl. 1, fig. 14.
Figd spec. 42229. Withers, T.H. 1932*a* : 47, pl. 13, fig. 2.
Figd spec. 42229. Glaessner, M.F. 1969 : R498, fig. 311, 6. Eocene; probably environs of Verona, Italy.

Ranina (Lophoranina) persica Withers
Holotype In.28600. Withers, T.H. 1932*a* : 469, pl. 13, fig. 1. Eocene; Urujan, south of Isfahan, Iran.

Ranina (Ranina) americana Withers
Holotype In.23798. Withers, T.H. 1924 : 125, pl. 4, figs 1-3. Upper Oligocene, Blakeley Formation; Clallam Bay, Washington State, U.S.A.

Ranina (Ranina) granulosa Milne-Edwards
Holotype I.8085. Milne-Edwards, A. 1872 : 5, pl. 8, fig. 1. Miocene; near Dax, Gironde, France.

Ranina trechmanni Withers
See *Raninella trechmanni* (Withers).

Raninella? atava Carter
See *Hemioon elongatum* (A. Milne-Edwards).

Raninella trechmanni (Withers)
Holotype In.26011. Withers, T.H. 1927 : 177, figs 1, 2. Upper Cretaceous (?Campanian), Shales below Rudist Limestone; between Cambridge and Catadupa, Jamaica. West Indies.

Raninoides rathbunae Van Straelen
Paratypes In.37102-03. Straelen, V. van. 1933 : 3. Upper Eocene; near Cerro Cometa, Falcon, Venezuela.

Rathbunopon obesum (Van Straelen)
Figd spec. In.60910. Wright, C.W. & Collins, J.S.H., 1972 : 23, pl. 1, fig. 8. Cenomanian, *M. mantelli* Zone; White Hart Pit, Wilmington, Devon.

Rathbunopon woodsi Withers
Figd spec. 24657. Withers, T.H. 1951 : 179, pl. 16, fig. 7. Cretaceous, Gault; Folkestone, Kent.

Rhachiosoma bispinosum Woodward
Figd spec. 59223. Woodward, H. 1873 : 25, pl. 1, figs 4, 5. Lower Eocene; Portsmouth, Hampshire.

Scapheus ancylochelis Woodward
See *Pseudoglyphea ancylochelis* (Woodward).

Sculda pennata Münster
Figd spec. In.61412. Woodward, H. 1879*a* : 549, pl. 26, fig. 5. Jurassic, Kimmeridgian; Solenhofen, Bavaria, Germany.

Scylla costata Rathbun
Figd spec. In.23768. Withers, T.H. 1924 : 229, pl. 6, figs 1, 2. Lower Miocene; West side of Road Bay, Anguilla.

Scylla ozawai Glaessner
Holotype I.3469. Glaessner, M.F. 1933 : 20, pl. 4, fig. 2. Miocene, possibly *Vicarya Beds*; near Akita, North Japan.

Scyllarella gardneri (Woods)
Holotype In.22414. Woods, H. 1925, 1926 : 39, pl. 10, fig. 6. Cretaceous, Gault; Folkestone, Kent.

Scyllarides gardneri Woods
See *Scyllarella gardneri* (Woods).

Scyllarides punctatus Woods
Holotype In.22411. Woods, H. 1925, 1926 : 38, pl.10, fig. 4. Cretaceous, Gault (Bed 4); Folkestone, Kent.

Scyllarides tuberculatus (König)
Holotype 42228. König, C. 1825 : 3, pl. 4, fig. 54.
Figd specs (syntypes of *Scyllaridia koenigii* Bell) 46364, 59115. Bell, T. 1858 : 35, pl. 8, figs 2, 3,
Figd spec. (holotype of *Scyllaridia bellii* Woodward) 58873. Woodward, H. 1870 : 493, pl. 22, figs 1, 2. Eocene, London Clay; Isle of Sheppey, Kent.

Scyllarides tuberculatus (König)
Figd specs (as *Scyllarides koenigii* (Bell) 59115, I.116, In.22409. Woods, H. 1925-26 : 39, pl. 10, figs 7-9. Eocene, London Clay; Isle of Sheppey, Kent.

Scyllarides tuberculatus (Konig)
Figd spec. (as *Scyllarides koenigii* (Bell)) 59116. Woods, H. 1925-26 : 39, pl. 10, fig. 10. Eocene, London Clay; Whetstone, London.

Scyllaridia bellii Woodward
See *Scyllarides tuberculatus* (König).

Scyllaridia koenigii Bell
See *Scyllarides tuberculatus* (König).

Squilla wetherelli Woodward
Holotype 59780. Woodward, H. 1879*a* : 549, pl. 26, fig. 1. Eocene, London Clay; Highgate, London.

Thalassina anomala (Herbst)
Figd spec. In.28165 (as *T. emerii* Bell). Bell, T. 1844*a* : 361, text-fig. 1.
Figd spec. In.28165 (holotype of *T. antiqua* Bell). Bell, T. 1844 : 455. Figd spec. In.28165 (holotype of *T. emerii* Bell). Bell, T. 1845 : 93, figs *a-c*.
Figd spec. In.28165 (as *T. emeryi* Bell). Milne-Edwards, A. 1860 : 349, pl. 15, figs 1, *a*, *b*. Pleistocene?; Australia.

Thalassina antiqua Bell
See *Thalassina anomala* (Herbst).

Thalassina emerii Bell
See *Thalassina anomala* (Herbst).

Thaumastoplax intermedia Collins & Morris
Holotype In.60008. Collins, J.S.H. & Morris, S.F. 1976 : 128, pl. 19, figs 1, 2. Middle Miocene, Brasso Formation; 1½ km south of Brasso on road to Gauracara, Montserrat, Trinidad, West Indies.

Thenops scylliariformis
See *Linuparus (Podocratus) scylliariformis.*

Trachynotocarcinus sulcatus (Bell)
Syntypes In.60138, In.60135. Bell, T. 1863 : 2, pl. 1, fig. 1.
Lectotype In.60138, paralectotype In.60135. Wright, C.W. & Collins, J.S.H. 1972 : 52, pl. 9, figs 4, 5. Cretaceous, Cenomanian, *M. mantelli* Zone, ?Rye Hill Sands; Warminster, Wiltshire.
Figd spec. In.60943. Wright, C.W. & Collins, J.S.H. 1972 : 52, pl. 9, figs 3*a*, *b*, text-fig. 9*g*. Cretaceous, Cenomanian, *M. mantelli* Zone; Hutchin's Pit, Wilmington, Devon.

Trachynotus sulcatus Bell
See *Trachynotocarcinus sulcatus* (Bell).

Trachysoma scabrum Bell
Holotype 59146. Bell, T. 1858 : 41, pl. 10, fig. 11.
Figd spec. 59146. Woods, H. 1930 : 73, pl. 22, fig. 1. Eocene, London Clay; tunnel near Chalk Farm, London.

Tumidocarcinus tumidus (H. Woodward)
Holotype 59359. Woodward, H. 1876 : 51, pl. 7, figs. 1, 2. Upper Eocene — Lower Oligocene; Woodpecker Bay, Brighton, South Island, New Zealand.

Typilobus granulosus Stoliczka
Figd spec. In.22990. Withers, T.H. 1925 : 38, pl. 3, figs 1, 2. Miocene, Aquitanian; Sind, Pakistan.

Typilobus sadeki Withers
Holotype In.22991,paratype 22992. Withers, T.H. 1925 : 37, pl. 3, figs 3-7. Miocene, Vindobonian; Gebel Khoshera, West Sinai, Egypt.

Uronectes fimbriatus (Jordan)
Figd spec. In.31385. Calman, W.T. 1934 : 323, pl. 11. Lower Permian; Saarbruck, Germany.

?Varuna sp.
Figd spec. In.23023. Withers, T.H. 1924*a* : 90, pl. 4, fig. 7. Eocene, Lutetian, Yellow Limestone *(Cerithium giganteum* and *Velates schmiedeliana* Bed); Spring Mount, 6 miles S.E. of Montego Bay, Jamaica. West Indies.

Vectis wrighti Withers
Holotype In.60908. Withers, T.H. 1945 : 559, pl. 2, figs 8-10.
Figd spec. In.60908. Wright, C.W. & Collins, J.S.H. 1972 : 18, pl. 1, fig. 1. Cretaceous, Lower Aptian, *D. callidiscus* Subzone, Crackers Bed; Atherfield, Isle of Wight.

Wilmingtonia satyrica Wright & Collins
Holotype In.60909, paratype In.61154. Wright, C. W. & Collins, J.S.H. 1972 : 20, pl. 1, figs 5, 6. Cretaceous, Cenomanian, *M. mantelli* Zone; White Hart Pit, Wilmington, Devon.

Wilmingtonia satyrica Wright & Collins
Paratype In.61165. Wright, C.W. & Collins, J.S.H. 1972 : 20. Cretaceous, Cenomanian, *A. rhotomagense* Zone; White Hart Pit, Wilmington, Devon.
Wright & Collins (pl. 1, fig. 6. explanation of plates) stated that this specimen was figured. In.61154 is the specimen figured from the *M. mantelli* Zone.

Withersella crepitans Wright & Collins
Holotype In.60950 paratypes In.60951-56, In.61128-33. Wright, C.W. & Collins, J.S.H. 1972 : 91, pl. 19, figs 4, 5. Cretaceous, Lower Aptian; *D. callidiscus* or *C. parinodum* Subzones; Atherfield, Isle of Wight.

Xanthidae (gen. et sp. indet)
Figd spec. In.18454. Withers, T.H. 1924 : 96, pl. 5, figs 3, 4. Eocene; railway cutting near Ameki, S. Nigeria.

Xanthilites bowerbankii Bell
Syntypes 46369, 46380, 59087, In.43488. Bell, T. 1858 : 17, pl. 2, figs 2-5. Eocene, London Clay; Isle of Sheppey, Kent.

Xanthilites? rathbunae Withers
Holotype In.23017 paratypes In.23018-22. Withers, T.H. 1924 : 89, pl. 3, figs 1-6, pl. 4, figs 5, 6. Eocene, Lutetian, Yellow Limestone; Glasgow, c.8 miles south of Lucca, Jamaica, West Indies.

Xanthopsis
See *Zanthopsis.*

Xanthosia buchii (Reuss)
Figd spec. In.29966 (together with 36647, 59523, In.29967 are the four syntypes of *Xanthosia gibbosa* Bell). Bell, T. 1863 : 3, pl. 1, figs 4-6.
Figd spec. In.29966 (as *X. gibbosa* Bell). Milne-Edwards, A. 1863 : 300, pl. 5, figs 4, 4*a*, *b*.
Figd spec. In.29966. Wright, C.W. & Collins, J.S.H. 1972 : 97, pl. 20, figs 3*a-c*. Cretaceous, Lower Cenomanian, Upper Greensand, *M. mantelli* Zone; Warminster, Wiltshire.

Xanthosia buteonis Wright & Collins
Holotype In.60958, paratype In.60959. Wright, C.W. & Collins, J.S.H. 1972 : 94, pl. 19, fig. 7. Cretaceous, Lower Albian, *L. regularis* Subzone, Shenley Limestone; Shenley Hill, Leighton Buzzard, Bedfordshire.

Xanthosia fossa Wright & Collins
Holotype In.60996, paratypes In.60994-95, In.60997. Wright, C.W. & Collins, J.S.H. 1972 : 100, pl. 20, figs 4-6. Cretaceous, Lower Cenomanian; White Hart Pit, Wilmington, Devon.

Xanthosia gibbosa Bell
See *Xanthosia buchii* (Reuss).

Xanthosia jacksoni Wright & Collins
Holotype In.**60957**. Wright, C.W. & Collins, J.S.H. 1972 : 94, pl.19, fig. 6. Cretaceous, Lower Aptian *D. callidiscus* Subzone,Crackers Bed; Atherfield, Isle of Wight.

Zanthopsis bispinosa M'Coy
See *Zanthopsis leachii* (Desmarest).

Zanthopsis dufourii (Milne-Edwards)
Figd spec. 46377 (as *Xanthopsis leachii* var.). Bell, T. 1858 : 17, pl. 1, fig. 10. Eocene; Alum Bay, Isle of Wight.

Zanthopsis leachii (Desmarest)
[Syntypes of *Zanthopsis bispinosa* M'Coy 46372, 46381, 46384]. M'Coy, F. 1849 : 164.
Figd spec. 46372 (as *Xanthopsis bispinosa* M'Coy). Bell, T. 1858 : 14, pl. 1, figs 4, 5. Eocene, London Clay; Isle of Sheppey, Kent.

Zanthopsis leachii var.
See *Zanthopsis dufourii* Milne-Edwards.

Zanthopsis nodosa M'Coy
Syntypes 46370, 59072, 59769. M'Coy, F. 1849 : 163.
Figd spec. **59072**. Bell, T. 1858 : 14, pl. 1, fig. 3. Eocene, London Clay; Isle of Sheppey, Kent.

Zanthopsis nodosa M'Coy
Figd specs **59075, 59076**. Bell, T. 1858: 14, pl. 1, figs 1, 2, 6.
Figd spec. **59075**. Milne-Edwards, A. 1863: 317, pl. 8, figs 1*a*, 2, 2*a-c*. Eocene, London Clay; tunnel near Chalk Farm, London.

Zanthopsis nodosa M'Coy
Figd spec. **59073**. Milne-Edwards, A. 1863; 317, pl. 8, figs 1, 1*b*. Eocene, London Clay; Whetstone, London.

Zanthopsis cf. nodosa M'Coy
Figd spec. In.28076. Withers, T.H. 1932*a* : 471, pl. 13, fig. 6. Eocene, Beds with *Nummulites;* Kirrind, West of Kermenshah, Iran.

Zanthopsis unispinosa M'Coy.
Figd spec. **I.7480**. Bell, T. 1858 : 16, pl. 2, fig. 1. Eocene, London Clay; Isle of Sheppey, Kent.

Specimens previously referred to Phyllocarida

Aptychoposis barrandeana brevior Jones & Woodward
Syntype I.2585. Jones, T.R. & Woodward, H. 1892 : 102, pl. 15, fig. 14. Silurian, Moffat beds?; ? Dumfries & Galloway, Scotland.

Aptychopsis glabra Woodward
Syntype In.61423 (ex 59620). Woodward, H. 1872 : 565.
Jones, T.R. & Woodward, H. 1892 : 104, pl. 15, fig. 11. Silurian, Llandovery Series, Gala Group; Meigle, Galashiels, Border, Scotland.

Aptychopsis lapworthi Woodward
Holotype In.61425 (ex 59620). Woodward, H. 1872 : 565.
Figd spec. In.61425 (ex 59620). Jones, T.R. & Woodward, H. 1892 : 108, pl. 15, fig. 9. Silurian, Llandovery Series, Birkhill Shales; Eldinhope near Yarrow, Border, Scotland.

Aptychopsis lapworthi Woodward
Figd spec. In.61424 (ex 59620). Jones, T.R. & Woodward, H. 1892 : 107, pl. 15, fig. 7. Silurian, Llandovery Series; Grieston Quarry, Innerleithen, Border, Scotland.

Aptychopsis lapworthi Woodward
Figd spec. I. 2593. Jones, T.R. & Woodward, H. 1892 : 108, pl. 15, fig. 8. Silurian, Birkhill Shales; Sundhope Burn, Moffat, Dumfries & Galloway, Scotland.

Aptychopsis lapworthi Woodward
Figd spec. 58868. Jones, T.R. & Woodward, H. 1892 : 106, pl. 15, fig. 22. Silurian; Moffat, Dumfries & Galloway, Scotland.

Aptychopsis oblata Jones & Woodward
Syntypes In.61420-21 (ex 59620). Jones, T.R. & Woodward, H. 1892 : 112, pl. 15, fig. 23. Silurian, Gala Group; Gala Hill, Galashiels, Border, Scotland.

Aptychopsis prima Barrande
Figd spec. I.2587. Jones, T.R. & Woodward, H. 1892 : 100, figs 7, 10. Silurian; Bubowitz, Bohemia.

Aptychopsis salteri Woodward
Holotype. I.1150. Woodward, H. 1882 : 389, pl. 9, fig. 17.
Figd. spec. I.1150. Jones, T.R. & Woodward, H. 1892 : 109, pl. 17, fig. 6. Silurian, Wenlock Series; Pencerrig near Builth, Powys, Wales.

Aptychopsis secunda (Jones & Woodward)
Holotype I.2588. Jones, T.R. & Woodward, H. 1892 : 100. Silurian; Borek, Bohemia.

Aptychopsis wilsoni Woodward
Syntype 59621. Woodward,H. 1872 : 564.
Figd spec. 59621. Jones, T.R. & Woodward, H.1892 : 105, pl. 15, fig. 16. Silurian, Wenlock Series, Riccarton Beds; Yads Linn, near Hawick, Border, Scotland.

Aptychopsis wilsoni Woodward
Syntype In.61426 (ex 59620). Woodward, H. 1872 : 564. Silurian, Wenlock Series, Riccarton Beds; Shankend, Slitrig Water, near Hawick, Border, Scotland.

Aptychopsis wilsoni Woodward
Syntype In.61427 (ex 59620). Woodward, H. 1872 : 564. Silurian, Wenlock Series, Riccarton Beds; Elliotsfield, near Hawick, Border, Scotland.

Discinocaris browniana Woodward
Syntype 58869. Woodward, H. 1866 : 504, pl. 25, fig. 7.
Figd specs 58869 , I.2618. Jones, T.R. & Woodward, H. 1892 : 120, pl. 16, figs 12, 15. Silurian; Dobbs Linn, Dumfries & Galloway, Scotland.

Discinocaris gigas Woodward
Syntype 59620, Woodward, H. 1872 : 564.
Figd spec. Jones, T.R. & Woodward, H. 1892 : 122, pl. 17, fig. 1. Lower Silurian; Dobbs Linn, Moffat, Dumfries & Galloway, Scotland.

Discinocaris ?sp.
Figd specs. 59620 (2 specs.). Jones, T.R. & Woodward, H. 1892 : 122, pl. 17, figs 4, 5. L. Silurian; Ettrickbrigend, Border, Scotland.

Hibbertia orbicularis Jones & Woodward
(=*Hibbertia flanaganni* (Portlock) — Trilobita).

'Lingulocaris' salteriana Jones & Woodward
Syntype I.2591. Etheridge, R., Woodward, H. & Jones, T.R. 1889 : 176, fig. 6.
Figd spec. I.2591. Jones, T.R. & Woodward, H. 1892 : 82, pl. 14, fig. 3. Ordovician, Tremadoc Series; Tuhwnti'rbwlch Quarry near Portmadoc, Gwynedd, Wales.

'Lingulocaris' siliquiformis Jones & Woodward
Syntype I.2590. Jones, T.R. 1884 : 223. Ordovician, Upper Tremadoc Series; Garth Hill, Portmadoc, Gwynedd, Wales.

'Lingulocaris' siliquiformis Jones & Woodward
Syntype 48654. Jones, T.R. 1884 : 223. Etheridge, R., Woodward, H. & Jones, T.R. 1889 : 177, fig. 9.
Jones, T.R. & Woodward, H. 1892 : 81, pl. 14, fig. 2. Ordovician, Ashgill Series; Bwlch-y-gaseg,.Cynwyd near Corwen, Clwyd, Wales.

'Lingulocaris' siliquiformis Jones & Woodward
Figd spec. I.2590. Etheridge, R., Woodward, H. & Jones, T.R. 1889 : 177, fig. 8. Jones, T.R. & Woodward, H. 1892 : 81, pl. 14, fig. 1. Ordovician, Upper Tremadoc Series; Garth Hill, Portmadoc, Gwynedd, Wales

Peltocaris aptychoides Salter
Figd spec. In.61428 (ex 59620). Jones, T.R. & Woodward, H. 1892 : 113, pl. 16, fig. 1. Silurian, Llandovery Series, Birkhill Shales; Eldinhope near Yarrow, Border, Scotland.

Peltocaris aptychoides Salter
Figd spec. In.61429. Jones, T.R. & Woodward, H. 1892 : 113, pl. 16, fig. 2. Silurian, Llandovery Series; Innerleithen, Border, Scotland.

Peltocaris carruthersii Jones & Woodward
Holotype In.61431 (ex 59620). Jones, T.R. & Woodward, H. 1892 : 115, pl. 17, fig. 8. Silurian, Llandovery Series; Shankend, Slitrig Water near Hawick, Border, Scotland.

Peltocaris marrii Jones & Woodward
Syntype In.61430 (ex 59620). Jones, T.R. & Woodward, H. 1892 : 114, pl. 16, fig. 6. Silurian, Llandovery Series; Whitehope Burn, St. Mary's Loch, Yarrow, Border, Scotland.

Peltocaris patula Jones & Woodward
Syntype In.61432 (ex 59620). Jones, T.R. & Woodward, H. 1892 : 116, pl. 16, fig. 10. Silurian, Llandovery Series; Belcraig, Annandale, Dumfries & Galloway, Scotland.

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———— 1896. On some Podophthalmatous Crustacea from the Cretaceous Formation of Vancouver and Queen Charlotte Islands. *Q. Jl geol. Soc. Lond.*, 52: 221-228, figs 1-6.

———— 1898. On a New Species of Brachyurous Crustacean from the Chert Beds (Upper Greensand), Baycliffe, near Maiden Bradley, Wilts. *Geol. Mag.*, (4) 5: 302-303, 1 fig.

———— 1898*a*. On the Discovery of *Cyclosphaeroma* in the Purbeck Beds of Aylesbury. *Geol. Mag.*, (4) 5: 385-388, pl. 14.

———— 1900. Note on a Crustacean *Mesodromilites birleyi* gen. et. sp. nov. from the Gault of Folkestone, Kent. *Geol. Mag.*, (4) 7: 61-64, 1 fig.

WOODWARD, H. 1901. On some Crustacea collected by Miss Caroline Birley and Miss L. Copland from the Upper Cretaceous of Faxe, Denmark. *Geol. Mag.*, (4) 8: 486-501, pl. 12.

———— 1902. On a collection of Middle Cambrian Fossils obtained by Edward Whymper from Mount Stephen, British Columbia. *Geol. Mag.*, (4) 9: 541-543, 1 text-fig.

———— 1903. On some Fossil Prawns from the Osborne Beds of the Isle of Wight. *Geol. Mag.*, (4) 10: 97-99, pl. 5.

———— 1905. Note on a Fossil Crab and a Group of Balani discovered in Concretions on the Beach at Ormara Headland, Mekran Coast. *Geol. Mag.*, (5) 2: 305-310, figs 1, 2.

———— 1905*a*. Notes on some Crustaceans and two Myriapods from the Lower Coal-Measures near Colne, Lancashire. *Geol. Mag.*, (5) 2: 437-444, figs 1-4.

———— 1907. On a new Brachyurous Crustacean from the 'Clypeus-Grit' (Inferior Oolite) of the Cotteswold Hills. *Geol. Mag.*, (5) 4: 79-81, 2 figs.

———— 1907*a*. On the genus *Pygocephalus* (Huxley), a primitive Schizopod Crustacean, from the Coal-Measures. *Geol. Mag.*, (5) 4: 400-407, pl. 18.

———— 1908. Some Coal-Measure Crustaceans with Modern Representatives. *Geol. Mag.*, (5) 5: 385-396, figs 1-9.

———— 1912. Note on a new species of *Caryocaris (C. kilbridensis)* from the Arenig Rocks of the Kilbride Peninsula. *Q.Jl geol. Soc. Lond.*, 68: 99-101, 1 text-fig.

WRIGHT, C.W. & COLLINS, J.S.H. 1972. British Cretaceous Crabs. *Palaeontogr. Soc. [Monogr.]:* 114 pp., 22 pls.

———— 1975. *Glaessnerella (Crustacea Decapoda Cymonomidae)* a replacement name for *Glaessneria* Wright and Collins, 1972 *non* Takeda and Miyake, 1969. *Palaeontology*, 18: 441.

WRIGHT, C.W. & WRIGHT, E.V. 1945. Notes on some Cretaceous fossils. *Geol. Mag.*, 82: 126-129, pl. 5.

———— 1950. Some dromiacean crabs from the English Cretaceous. *Proc. Geol. Ass.*, 61: 13-27, pl. 1.

Chelicerata, Branchiopoda, Cirripedia, Myriapoda, Cycloidea

Ablator triguttatus (Koch & Berendt)
Figd spec. In. 18751. Petrunkevitch, A. 1942: 393, figs 223-28, 598.
Figd spec. In. 18766. Petrunkevitch, A. 1942: 393, figs 219-222, 582. Eocene, Amber; East Prussia.

Abliguritor niger Petrunkevitch
Holotype In. 18119. Petrunkevitch, A. 1942: 398, figs 155-159, 561. Dubinin, V. B. 1962: 507, fig. 1492. Eocene, Baltic Amber; East Prussia.

Acantherpestes ferox (Salter)
Figd spec. I. 1050. Woodward, H. 1887: 6, pl. 1, figs 4, 12.
Figd spec. I. 1051. Woodward, H. 1887: 6, pl. 1, fig. 7. Carboniferous, Coal Measures; Coseley, West Midlands.

Acantherpestes sp.
Figd spec. In. 41497. Gill, E.L. 1924: 457, text-fig. 1 (as *Euphoberia ferox* (Salter)). Burke, J. J. 1973: 11.
Figd spec. In. 61176. Brade-Birks, S.G. 1928: 400. pl. 16, text-figs 1-3 (as *Euphoberia ferox* (Salter)). Burke, J.J. 1973: 11. Upper Carboniferous, Middle Coal Measures; Phoenix Brickworks, Crawcrook, near Ryton-on-Tyne, Tyne & Wear.

Acasta undulata Darwin
Syntype I. 788. Darwin, C. 1855: 34, pl. 2, fig. 6*a*. Pliocene, Plaisancian, Coralline Crag; Sutton, Suffolk.

Acrometa cristata Petrunkevitch
Holotype In. 18724. Petrunkevitch, A. 1942: 324, figs 77, 545.
Petrunkevitch, A. 1955: 145, fig. 102, 2.
Paratype In. 18713. Petrunkevitch, A. 1942: 324, figs 79, 81, 546. Petrunkevitch, A. 1955: 145, fig. 31, 4.
Paratypes In. 17845, In. 18157, In. 18728, In. 18750, In. 18752. Petrunkevitch, A. 1942: 324, figs 76, 78, 80, 82, 516, 542-44. Dubinin, V.B. 1962: 505, fig. 1468 (In. 18752). Eocene, Baltic Amber; East Prussia.

Adamator succineus Petrunkevitch
Holotype In. 18729. Petrunkevitch, A. 1942: 345, figs 195-201, 231, 581.
Petrunkevitch, A. 1955: 146, fig. 107, 1. Dubinin, V.B. 1962: 511, fig. 1521. Eocene, Baltic Amber; East Prussia.

Adelophthalmus wilsoni (Woodward)
Holotype I. 1463. Woodward, H. 1888: 420, text fig. Upper Carboniferous, Coal Measures; Ludlow's Pit, Radstock, Avon.

Adelophthalmus wilsoni (Woodward)
Figd spec. In. 35610. Moore, L.R. 1936: 356, text-figs. 59-62. Upper Carboniferous, Coal Measures; Bromley Colliery, Rensford, Avon.

Adjunctor similis Petrunkevitch
Holotype In. 18085. Petrunkevitch, A. 1942: 295. figs 323-328, 585.
Petrunkevitch, A. 1955: 142, fig. 105, 2. Dubinin, V.B. 1962: 503, fig. 1454. Eocene, Baltic Amber; East Prussia.

Adjutor mirabilis Petrunkevitch
Holotype In. 18945. Petrunkevitch, A. 1942: 289, figs 290-299, 607.
Petrunkevitch, A. 1955: 142, fig. 105, 2. Dubinin, V.B. 1962: 503, fig. 1452. Eocene, Baltic Amber; East Prussia.

Admissor aculeatus Petrunkevitch.
Holotype In. 18946. Petrunkevitch, A. 1942: 292, figs 312-322, 586. Dubinin, V.B. 1962: 503, fig. 1453. Eocene, Baltic Amber; East Prussia.

Adorator brevipes Petrunkevitch
Holotype In. 18716. Petrunkevitch, A. 1942: 261, figs 95-100, 553. Eocene, Baltic Amber; East Prussia.

Adorator samlandicus Petrunkevitch
Holotype In.18144 . Petrunkevitch, A. 1942: 263, figs 101, 102, 232, 552. Eocene, Baltic Amber; East Prussia.

Adulatrix decumana (Koch & Berendt)
Figd spec. In. 18754. Petrunkevitch, A. 1942: 362, figs 229, 230, 575. Eocene, Baltic Amber; East Prussia.

Adulatrix fusca Petrunkevitch
Holotype In. 18734. Petrunkevitch, A. 1942: 356, figs 204-207, 571. Dubinin, V.B. 1962: 507, fig. 1499.
Paratype In. 18726. Petrunkevitch, A. 1942: 356, figs 208-211, 573.
Petrunkevitch, A. 1955: 145, fig. 31, 5. Eocene, Baltic Amber; East Prussia.

Adulatrix parva Petrunkevitch
Holotype In. 18124. Petrunkevitch, A. 1942: 368, figs 392-397, 604. Eocene, Baltic Amber; East Prussia.

Adulatrix rufa Petrunkevitch
Holotype In. 18731. Petrunkevitch, A. 1942: 364, figs 267-272, 577.
Paratype In. 18759. Petrunkevitch, A. 1942: 364, fig. 570. Eocene, Baltic Amber; East Prussia.

Ainiktozoon loganense Scourfield
Paratypes In. 34963-69. Scourfield, D.J. 1937: 538. Silurian. Ludlow Series; Logan Water near Lesmahagow, Strathclyde.

Alloscorpius tuberculatus? (Peach)
Figd spec. I. 988 (*Archaeoctonus tuberculatus*?(Peach). Petrunkevitch, A. 1949: 138, fig. 176. Lower Carboniferous, Calciferous Sandstone; Eskdale, Dumfries & Galloway.

Alloscorpius wardingleyi Woodward
Holotype In. 18561. Woodward, H. 1907: 543, fig. 3. Petrunkevitch, A. 1953: 29, figs 35, 133, Carboniferous, Middle Coal Measures; Sparth Bottoms, Rochdale, Greater Manchester.

Amaurobius succini Petrunkevitch
Holotype In. 18160. Petrunkevitch, A. 1942: 213, figs 398-406, 597. Dubinin, V.B. 1962: 511, fig. 1526. Eocene, Baltic Amber; East Prussia.

Anniculus balticus Petrunkevitch
Holotype In. 18749. Petrunkevitch, A. 1942: 251,

figs 86-90, 530.
Petrunkevitch, A. 1955: 141, fig. 105, 1. Dubinin, V.B. 1962: 501, fig. 1433. Eocene, Baltic Amber; East Prussia. Named *Annarius balticus* in explanation of fig. 530.

Anthracomartus hindi Pocock
See *Cryptomartus hindi* (Pocock)

Anthracomartus priesti Pocock
See *Cryptomartus priesti* (Pocock).

Anthracomartus trilobitus Scudder: Woodward
See *Cleptomartus plautus* Petrunkevitch.

Anthracoscorpio juvenis Kušta
Figd spec. In. 39764. Petrunkevitch, A. 1949: 144, figs 137, 175. Lower Carboniferous, Calciferous Sandstone, Viséan Stage; Eskdale, Dumfries & Galloway. Kjellesvig-Waering (*in. litt.*) suggests that this specimen is close to the Chaerilidae

Anthracoscorpio minutus (Petrunkevitch).
Holotype In. 31266. Petrunkevitch, A. 1949: 148, pl. 46, fig. 145, pl. 56, fig. 181. Dubinin, V.B.1962: 431, fig. 1249. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Anthracoscorpio sparthensis (Baldwin & Sutcliffe): Pocock (*pars*) see *Isobuthus rakovnicensis* (Fritsch).

Anthracosiro fritschii Pocock
Holotype In. 1556. Pocock, R.I. 1903: 406, 1 fig. Pocock, R.I. 1911: 73, text-fig. 37. Petrunkevitch, A. 1953: 73, figs 77, 159.
Petrunkevitch, A. 1955: 109, fig. 71, 2. Upper Carboniferous, Coal Measures, Coseley, West Midlands.

Anthracosiro fritschii Pocock
An electrocast (In. 14629). Petrunkevitch, A. 1949: fig. 249. Upper Carboniferous, Top Hard Coal; Shipley, Derbyshire.

Anthracosiro woodwardi Pocock
Holotype I. 1551. Pocock, R.I. 1903: 247, fig. A. Petrunkevitch, A. 1953: 72, pl. 45, fig. 160.
Figd spec. I. 1553. Pocock, R.I. 1911: 71, figs 35*b*, *c*, *d*. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Anthracosiro woodwardi Pocock
Figd spec. In. 41510. Gill, E.L. 1924: 462, text-fig. 3. Upper Carboniferous, Middle Coal Measures; Phoenix Brickworks, Crawcrook, Ryton-on-Tyne, Tyne & Wear.

Anthracosiro woodwardi Pocock
Figd spec. In. 18595. Pocock, R.I. 1911: 71, fig. 36. Upper Carboniferous, Middle Coal Measures; Sparth Bottoms, Rochdale, Greater Manchester.

Anthracosiro woodwardi Pocock
Figd spec. I. 1552. Petrunkevitch, A. 1949: 241, figs 40, 112, 243-44, 247.
Petrunkevitch, A. 1955: 109, fig. 71, 1.
Dubinin, V.B. 1962: 486, fig. 1386.
Figd spec. I. 1554. Petrunkevitch, A. 1949: 240, pl. 37, figs 113-114, pl. 38, fig. 115, pl. 75, figs 245-246, pl. 76, fig. 248.
Petrunkevitch, A. 1955: 109, fig. 72, Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Arachnometa tuberculata Petrunkevitch
Holotype I. 13917. Petrunkevitch, A. 1949: 280, figs 160, 261.
Petrunkevitch, A. 1955: 146, fig. 110, 1.
Dubinin, V.B. 1962: 497, fig. 1423. Carboniferous, Coal Measures; Coseley, West Midlands.

Araneidae *gen. et sp.* undet.
Figd spec. In. 43302. Buckland, W. 1837: 79, pl. 46, fig. 12. Miocene; Aix-en-Provence, France.

Archaea paradoxa Koch & Berendt
Figd spec. In. 18748. Petrunkevitch, A. 1942: 200, figs 61-63, 566. Dubinin, V.B. 1962: 505, fig. 1447. Eocene, Baltic Amber; East Prussia.

Archaeoctonus tuberculatus (Peach).
See *Alloscorpius tuberculatus* (Peach).

Archaeometa nephilina Pocock
Holotype In. 31259. Pocock, R.I. 1911: 37, fig. 11. Petrunkevitch, A. 1953: 107, fig. 192. Dubinin, V.B. 1962: 497, figs 1422 A, B.
Figd spec. I. 15863. Petrunkevitch, A. 1949: 279, figs 159, 260.
Petrunkevitch, A. 1955: 146, fig. 110, 2. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Arcoscalpellum arcuatum (Darwin)
Figd spec. In. 64259. Collins, J.S.H. 1965: 629, pl. 90, fig. 12.
Figd spec. In. 64260. Collins, J.S.H. 1965: 629, pl. 90, figs 13*a*, *b*.
Figd spec. In.64261. Collins, J.S.H. 1965: 629, pl. 90, fig. 14. Numbered 9 on plate.
Figd spec. In. 64262. Collins, J.S.H. 1965: 629, pl. 90, fig. 15.
Figd spec. In. 64263. Collins, J.S.H. 1965: 629, pl. 90, fig. 16.
Figd spec. In. 64264. Collins, J.S.H. 1965: 629, pl. 90, fig. 17.
Figd spec. In. 64266. Collins, J.S.H. 1965: 629, pl. 90, fig. 19.
Figd spec. In. 61368. Collins, J.S.H. 1974: 384, pl. 11, fig. 10. Cretaceous, Upper Albian, *H. orbignyi* subzone; Reservoir Pit, Ford Place, Wrotham, Kent.

Arcoscalpellum bakeri Collins
Holotype In. 64446. Collins, J.S.H. 1973: 367, pl. 3, figs 10*a-c*.
Paratype In. 64447. Collins, J.S.H.. 1973: 367, pl. 3, figs 11*a-b*.
Paratype In. 64448. Collins, J.S.H. 1973: 363, pl. 3, figs 12 *a-b*. Cretaceous, Maastrichtian, Ripley Formation; Barr Pasture, Oktibbeha Co. Mississippi, U.S.A.

Arcoscalpellum bakeri Collins
Paratype In. 64449. Collins, J.S.H. 1973: 367, pl. 3, fig. 13. Cretaceous, Maastrichtian, Ripley Formation; Barr and Bardwell Pastures, Oktibbeha Co. Mississippi, U.S.A.

Arcoscalpellum bakeri Collins
Paratype In. 64496. Collins, J.S.H. 1973: 367. Cretaceous, Maastrichtian, Ripley Formation; 1½ miles E. of State College, Barr Pasture, Oktibbeha Co. Mississippi, U.S.A.

Arcoscalpellum campus Collins
Holotype In. 64452. Collins, J.S.H. 1973: 369, pl. 3, figs 14*a*, *b*, pl. 4. fig. 4.
Paratype In. 64450. Collins, J.S.H. 1973: 369, pl. 4, fig. 1.
Paratype In. 64451. Collins, J.S.H. 1973: 369, pl. 4, figs 2*a*, *b*. Cretaceous, Maastrichtian, Ripley Formation; Bardwell Pasture, Oktibbeha Co. Mississippi, U.S.A.

Arcoscalpellum campus Collins
Paratype In. 64453. Collins, J.S.H. 1973: 369, pl. 3, figs 16*a*, *b*. Cretaceous, Maastrichtian, Ripley Formation, Barr Pasture, Oktibbeha Co. Mississippi, U.S.A.

Arcoscalpellum campus Collins
Paratype In. 64489. Collins, J.S.H. 1973: 369. Cretaceous, Maastrichtian, Ripley Formation; Bardwell Pasture, Oktibbeha Co. Mississippi, U.S.A.

Arcoscalpellum campus Collins
Paratype In. 64490. Collins, J.S.H. 1973: 369. Cretaceous, Maastrichtian, Ripley Formation; Barr Pasture, Oktibbeha Co. Mississippi, U.S.A.

Arcoscalpellum comptum (Withers)
Figd spec. In. 48151. Withers, T.H. 1945: 553, pl. 2, figs 1, 2. Cretaceous, Aptian, Lower Greensand, "Crackers" Bed; Atherfield, Isle of Wight.

Arcoscalpellum comptum (Withers)
Figd spec. In. 64248. Collins, J.S.H. 1965: 629, pl. 90, fig. 1.
Figd spec. In. 64249. Collins, J.S.H. 1965: 629, pl. 90, fig. 2.
Figd spec. In. 64250. Collins, J.S.H. 1965: 629, pl. 90, fig. 3.
Figd spec. In. 64251. Collins, J.S.H. 1965: 629, pl. 90, fig. 4.
Figd spec. In. 64252. Collins, J.S.H. 1965: 629, pl. 90, fig. 5.
Figd spec. In. 64253. Collins, J.S.H. 1965: 629, pl. 90, figs 6*a*, *b*.
Figd spec. In. 64254. Collins, J.S.H. 1965: 629, pl. 90, fig. 7.
Figd spec. In. 64255. Collins, J.S.H. 1965: 629, pl. 90, fig. 8.
Figd spec. In. 64256. Collins, J.S.H. 1965: 629, pl. 90, fig. 9. Numbered 14 on the plate.
Figd spec. In. 64257. Collins, J.S.H. 1965: 629, pl. 90, fig. 10. Cretaceous, Upper Albian, *H. orbignyi* subzone; Reservoir Pit, Ford Place, Wrotham, Kent.

Arcoscalpellum comptum (Withers)
Figd spec. In. 64258. Collins, J.S.H. 1965: 629, pl. 90, fig. 11. Cretaceous, Middle Albian, *D. cristatum* subzone; Ford Place, Wrotham, Kent.

Arcoscalpellum comptum (Withers)
Figd spec. In. 64265. Collins, J.S.H. 1965: 629, pl. 90, fig. 18. Cretaceous, Upper Albian, *H. orbignyi* subzone; Reservoir Pit, Ford Place, Wrotham, Kent.

Arcoscalpellum hubrichti Collins
Paratype In. 64436. Collins, J.S.H. 1973: 363, pl. 2, figs 16*a*, *b*.
Paratype In. 64437. Collins, J.S.H. 1973: 363, pl. 2, fig. 17.
Paratype In. 64438. Collins, J.S.H. 1973: 363, pl. 2, figs 14*a*, *b*.
Paratype In. 64439. Collins, J.S.H. 1973: 363, pl. 3, fig. 3. Cretaceous, Santonian, Mooreville Chalk; 1½ miles north of West Greene, Greene Co. Alabama, U.S.A.

Arcoscalpellum hubrichti Collins
Paratype In. 64440. Collins, J.S.H. 1973: 363, pl. 3, fig. 6.
Paratype In. 64441. Collins, J.S.H. 1973: 363, pl. 3, figs 8*a*, *b*.
Paratype In. 64442. Collins, J,S.H. 1973: 363, pl. 3, fig. 9.
Paratype In. 64443. Collins, J.S.H. 1973: 363, pl. 3, fig. 4.
Paratype In. 64444. Collins, J.S.H. 1973: 363, pl. 3, fig. 5.
Paratype In. 64445. Collins, J.S.H. 1973: 363. Cretaceous, Santonian, Mooreville Chalk; 1.2 miles E. of Mt. Olive Church, Greene Co. Alabama, U.S.A.

Arcoscalpellum hubrichti Collins
Paratypes In. 64491-2. Collins, J.S.H. 1973: 363. Cretaceous, Santonian, Mooreville Chalk; 1½ miles north of West Greene, Greene Co. Alabama, U.S.A.

Arcoscalpellum hubrichti Collins
Paratypes In. 64493-4. Collins, J.S.H. 1973: 363. Cretaceous, Santonian, Mooreville Chalk; Mt. Olive Church, Greene Co. Alabama, U.S.A.

Arcoscalpellum withersi Collins
Holotype In. 64456. Collins, J.S.H. 1973: 371, pl. 4, figs 6*a-c*. Cretaceous, Maastrichtian, Ripley Formation; Barr Pasture, Oktibbeha Co. Mississippi, U.S.A.

Arcoscalpellum withersi Collins
Paratype In. 64454. Collins, J.S.H. 1973: 371, pl. 3, fig. 17.
Paratype In. 64455. Collins, J.S.H. 1973: 371, pl. 3, fig. 18. Cretaceous, Maastrichtian, Ripley Formation; Bardwell Pasture, Oktibbeha Co. Mississippi, U.S.A.

Arcoscalpellum withersi Collins
Paratype In. 64457. Collins, J.S.H. 1973: 371, pl. 4, fig. 11.
Paratype In. 64459. Collins, J.S.H. 1973: 371, pl. 4, fig. 8.
Paratype In. 64461. Collins, J.S.H. 1973: 371, pl. 4, figs 14*a*, *b*.
Paratype In. 64462. Collins, J.S.H. 1973: 371, pl. 4, fig. 15.
Paratype In. 64463. Collins, J.S.H. 1973: 371, pl. 4, figs 7*a*, *b*.
Paratypes In. 64458, In. 64460, In. 64480. Collins, J.S.H. 1973: 371. Cretaceous, Maastrichtian, Ripley Formation; Barr Pasture, Oktibbeha Co. Mississippi, U.S.A.

Arcoscalpellum withersi Collins
Paratype In. 64481. Collins, J.S.H. 1973: 371. Cretaceous, Maastrichtian, Ripley Formation; Sand Creek and Barr Pasture, Oktibbeha Co. Mississippi, U.S.A.

Argyroneta antiqua Heyden
Holotype 58825. Heyden, C. von 1859: 1, pl. 1, fig. 12. Miocene, Braunkohle; Grube Stöschen near Linz am Rhein, Germany.

Arthrodictyna segmentata Petrunkevitch
Holotype In. 18950. Petrunkevitch, A. 1942: 219; 407-414, 602.
Petrunkevitch, A. 1955: 142, fig. 103, 1.
Dubinin, V.B. 1962: 515, fig. 1529. Eocene, Baltic Amber; East Prussia.

Arthrolycosa sp. Pocock
See *Protocteniza britannica* Petrunkevitch.

Arthropleura? anthracophilus (Goldenberg)
Holotype I. 3090. Goldenberg, F. 1877: 34, pl. 2, fig. 31. Upper Carboniferous, Stephanian; Schiffweiler Saarbrücken, Germany.

Arthropleura armata Jordan & Meyer
Figd spec. I. 4022. Andrée, K. 1913: 302, pl. 23, fig. 4. Carboniferous, Coal Measures; Leven, Fifeshire.

Arthropleura armata Jordan & Meyer britannica Andrée
Syntype I. 14727. Andrée, K. 1913: 302, pl. 23, fig. 2.
Syntypes I. 14728-29. Andrée, K. 1913: 302.
Carboniferous, Lower Stephanian; Camerton Coal Mine, near Bath, Avon.

Arthropleura mammata Salter
Figd spec. I. 4026, Andrée, K. 1913: 301, pl. 23, fig. 3. Carboniferous, Coal Measures; near Manchester.

Arthropleura sp.
Figd specs I. 13964-13965. Rolfe, W.D.I. & Ingham, J.K. 1967: 119, pl. 1, figs 1-5.
Rolfe, W.D.I. 1969: 611, fig. 389 *A, B.* Upper Carboniferous; Coseley, West Midlands.

Asmussia membranacea Pacht
Figd spec. In. 61534. Jones, T.R. 1863: 18, pl. 1, figs 6, 7. Devonian; Kokenhusen, Livonia, Russia.

Asmussia murchisoniana (Jones)
Figd spec. In. 48654. Jones, T.R. 1890: 390, pl. 12, fig. 9. Devonian, Old Red Sandstone; near Kirkwall, Orkneys.

Asmussia nathorsti Jones
Syntypes I. 1680. Jones, T.R. 1883: 247, pl. 9, fig. 10. Devonian; Mimers dal, Spitzbergen.

Asmussia tenella (Bronn)
Figd spec. 44337. Jones, T.R. 1863: 32, pl. 5, fig. 6. Carboniferous; Murgthal near Sulzbach, Schwarzwald, Germany.

Asmussia tenella (Bronn)
Figd spec. I. 6866. Jones, T. R. 1863: 31, pl. 1, figs 26, 27. Permian, Rothliegendes, Brandschiefer; Salhausen near Oschatz, Germany.

Asmussia tenella (Bronn)
Figd spec. PL 3193. Jones, T.R. 1870: 218, pl. 9, fig. 16. Carboniferous, Coal Measures; Cilfach-Bargoed-fawr Farm 2.5 km southwest of Bedwellty, Mid Glamorgan, Wales.

Asmussia tenuipectoralis (Jones)
Holotype I. 1675. Jones, T.R. 1883: 246, pl. 6, fig. 2. Lower Carboniferous; Kamensk, Ural Mts., Russia.

Auximus succini Petrunkevitch
Holotype In. 18727. Petrunkevitch, A. 1942: 216, figs 57, 58, 527.
Petrunkevitch, A. 1955: 140, fig. 102, 3.
Dubinin, V.B. 1962: 515, fig. 1527. Eocene, Baltic Amber; East Prussia.

Bairdestheria
See *Cyzicus (Euestheria).*

Balanus amaryllis Darwin
See *Balanus (Chirona) sublaevis* J. de C. Sowerby.

Balanus crassus Sowerby
See *Balanus (Megabalanus) tintinnabulum* Linnaeus

Balanus porcatus Da Costa
See *Balanus (Balanus) balanus* Linnaeus

Balanus sublaevis J. de C. Sowerby
See *Balanus (Chirona) sublaevis* J. de C. Sowerby *(pars)* and *Balanus (Balanus) indicus* Withers *(pars).*

Balanus tesselatus Sowerby
See *Balanus (Balanus) balanus* Linnaeus

Balanus tintinnabulum coccopoma Darwin
See *Balanus (Megabalanus) tintinnabulum coccopoma* (Darwin) and *Balanus (Chirona) sublaevis* J. de C. Sowerby.

Balanus (Armatobalanus) bisulcatus Darwin
Syntype I. 14823. Darwin, C. 1854: 293.
Darwin, C. 1855: 26, pl. 2, fig. 2*a.* Pliocene, Plaisancian, Coralline Crag; Ramsholt, Suffolk.

Balanus (Armatobalanus) bisulcatus Darwin
Syntype I. 14824. Darwin, C. 1854: 293.
Darwin, C. 1855: 26, pl. 2, fig. 2b.
Figd spec. I. 14826. Darwin, C. 1855: 28, pl. 2, fig. 2d. Pliocene, Plaisancian, Coralline Crag; [Suffolk].

Balanus (Armatobalanus) bisulcatus Darwin
Figd spec. In. 61541. Davidie, C. 1963: 74, pl. 41, fig. 6. Pliocene, Coral Crag; Ranville, Cotentin, France.

Balanus (Armatobalanus) bisulcatus plicatus Darwin
Syntype I. 14825. Darwin, C. 1854: 293.
Darwin, C. 1855: 26, pl. 2, fig. 2C. Pliocene, Plaisancian, Coralline Crag; Sutton, Suffolk.

Balanus (Armatobalanus) dolosus Darwin
Figd spec. 38448. Davidie, C. 1963: 76, pl. 41, fig. 4, 4a.
Figd spec. I. 303. Davidie, C. 1963: 76, pl. 41, fig. 5. Pliocene, Astian, Red Crag; Suffolk.

Balanus (Armatobalanus) inclusus Darwin
Figd spec. 59382a. Davidie, C. 1963: 75, pl. 41, fig. 9. Pliocene, Plaisancian, Coralline Crag; Sudbourne, Suffolk.

Balanus (Armatobalanus) inclusus Darwin
Syntype I. 14836. Darwin, C. 1854: 299, pl. 8, fig. 10a.
Darwin, C. 1855: 31, pl. 2, figs 5a, b.
Syntype I. 14839. Darwin, C. 1854: 299. Pliocene, Plaisancian, Coralline Crag; Gedgrave, Suffolk.

Balanus (Armatobalanus) inclusus Darwin
Figd spec. In. 49790. Davidie, C. 1963: 75, pl. 41, fig. 8. Pliocene; Suffolk.

Balanus (Armatobalanus) inclusus subsp a Darwin
Figd spec. I. 14837. Darwin, C. 1854: 299, pl. 8, figs 10b, c.
Darwin, C. 1855: 31, pl. 2, figs 5c, d.
Figd spec. I. 14838. Darwin, C. 1855: 31, pl. 2, fig. 5e. Pliocene, Plaisancian, Coralline Crag; Gedgrave, Suffolk.

Balanus (Balanus) amphitrite Darwin
Figd spec. In. 41640. Davidie, C. 1963: 44, pl. 19, fig. 3. Pliocene; Gebel Kibli el Ahran near Gizeh, Egypt.

Balanus (Balanus) amphitrite acutus Withers
Paratype 31309. Withers, T.H. 1924: 30. [Miocene]; New Zealand.

Balanus (Balanus) amphitrite acutus Withers
Paratype 44398. Withers, T.H. 1924: 30. [Miocene]; Patimoa (= Awamoa) north east Otago, New Zealand.

Balanus (Balanus) amphitrite acutus Withers
Paratype In. 19991. Withers, T.H. 1924: 30. Miocene, Oamaruian, Pareora Beds; Mt. Brown, Waipara, New Zealand.

Balanus (Balanus) balanus (Linnaeus)
Figd spec. I. 14741 (holotype of *B. tesselatus* Sow.). Sowerby, J. 1815: 193, pl. 84, fig. 1.
Figd spec. I. 747. Smith, W. 1816: 5, pl. 2, fig. 6. Pliocene, Astian, Norwich Crag; Bramerton, Norfolk.

Balanus (Balanus) concavus Bronn
Figd spec. 38438. Davidie, C. 1963: 53, pl. 24, fig. 9. Pliocene, Plaisancian, Coralline Crag; Sudbourne, Suffolk.

Balanus (Balanus) concavus Bronn
Figd spec. I. 763. Darwin, C. 1855: 17, pl. 1, fig. 4a.
Figd spec. In. 61543. Darwin, C. 1855: 17, pl. 1, fig. 4c.
Figd spec. In. 61544. Darwin, C. 1855: 17, pl. 1, fig. 4e. Pliocene, Plaisancian, Coralline Crag; Ramsholt, Suffolk.

Balanus (Balanus) concavus Bronn
Figd spec. In. 61545. Darwin, C. 1855: 17, pl. 1, fig. 4f.
Figd spec. In. 61546. Darwin, C. 1855: 17, pl. 1, fig. 4g. Pliocene, Plaisancian, Coralline Crag; Suffolk.

Balanus (Balanus) crenatus Brugière
Figd spec. In. 61542. Davidie, C. 1963: 63, pl. 34, fig. 4. Tertiary; Mayence, France.

Balanus (Balanus) indicus Withers
Holotype In. 20233. Withers, T.H. 1923: 291, pl. 19, fig. 7. Miocene, Aquitanian; Karachi, Pakistan.

Balanus (Balanus) indicus Withers
Paratype In. 20213. d'Archiac, E.J.A.D. de St. S. & Haime, J. 1854: 341, pl. 24, fig. 15a.
Withers, T.H. 1923: 291.
Paratype In. 20212. d'Archiac, E.J.A.D. de St. S. & Haime, J. 1854: 341, pl. 24, fig. 15.
Withers, T.H. 1923: 291. Miocene, Aquitanian; Hala Range, Sind, Pakistan.

Balanus (Balanus) indicus Withers
Paratype In. 20217. Withers, T.H. 1923: 291, pl. 19, figs 10, 11.
Paratype In. 20234. Withers, T.H. 1923: 291, pl. 19, figs 8, 9. Miocene, Aquitanian; Karachi, Pakistan.

Balanus (Balanus) indicus Withers
Paratypes In. 20214-16, In. 20218. Withers, T.H. 1923: 291.
Paratypes In. 20220-21. Withers, T.H. 1923: 291. Miocene, Aquitanian; Sind, Pakistan.

Balanus (Balanus) indicus Withers
Paratypes In. 20222-32. Withers, T.H. 1923: 291. Miocene, Aquitanian; Karachi, Pakistan.

Balanus (Balanus) laevis Brugière coquimbensis G.B. Sowerby
Holotype 38436. Sowerby, G.B. 1846: 264, pl. 2, fig. 7.
Darwin, C. 1854: 227, pl. 4, fig. 2a.
Newman, W.A. & Ladd, H.S. 1974: 386, text-fig. 1f. Pleistocene; inland from Herradura Bay, Coquimbo, Chile.

Balanus (Balanus) spongicola Brown
Figd spec. In. 24085. Davidie, C. 1963: 49, pl. 24, fig. 5. Pliocene, Astian; Altavilla near Palermo, Italy.

Balanus (Balanus) stellaris Brocchi
Syntype 38445 (of *B. corrugatus* Darwin). Darwin, C. 1854: 254. Pliocene; Colle, Tuscany, Italy.

Balanus (Balanus) trigonus Darwin
Figd spec. In. 19217. Withers, T.H. 1924: 33, pl. 8, figs 9-12. Probably Recent; Otago, New Zealand.

Balanus (Balanus) trigonus Darwin
Figd spec. In. 27071. Davidie, C. 1963: 58, pl. 29, fig. 8.
Figd spec. In. 27072. Davidie, C. 1963: 58, pl. 29, fig. 7. Pliocene; Saso Island, Red Sea.

Balanus (Balanus) trigonus Darwin
Figd spec. In. 61548. Davidie, C. 1963: 58, pl. 29, fig. 9. Pliocene; Andona, Italy.

Balanus (Chirona) birmanicus Withers
Holotype I. 15438. Withers, T.H. 1923: 288, pl. 19, figs 2, 4.
Paratype I. 15440. Withers, T.H. 1923: 288, pl. 19, fig. 3.
Paratype I. 15441. Withers, T.H. 1923: 288, pl. 19, fig. 5.
Paratype I. 15442. Withers, T.H. 1923: 288, pl. 19, fig. 6.
Paratypes I. 15433-37, I. 15439. Withers, T.H. 1923: 288. Miocene; Banbyin, Thayetmyo district, Burma.

Balanus (Chirona) sublaevis J. de C. Sowerby
Holotype In. 20211. Sowerby, J. de C. 1840: 327, pl. 25, fig. 3.
Withers, T.H. 1923: 286. Miocene, Aquitanian; Soomrow, Kutch, Pakistan.

Balanus (Chirona) sublaevis J. de C. Sowerby
Figd spec. I. 14991 (as *B. tintinnabulum coccopoma* Darwin). Woodward, H. 1905: 310, text-fig. 2. Miocene, Tortonian; Ormara Headland, Mekran Coast, Pakistan.

Balanus (Chirona) sublaevis J. de C. Sowerby
Figd spec. I. 15125. Withers, T.H. 1923: 285, pl. 18, fig. 13.
Figd spec. I. 15130. Withers, T.H. 1923: 285, pl. 18, figs 10, 11.
Figd spec. I. 15132. Withers, T.H. 1923: 285, pl. 18, fig. 12.
Figd spec. In. 20235. Withers, T.H. 1923: 285, pl. 18, fig. 9. Miocene, Tortonian; Mekran Coast, Pakistan.

Balanus (Chirona) sublaevis J. de C. Sowerby
Figd spec. In. 20237. Withers, T.H. 1923: 285, pl. 18, fig. 14, pl. 19, fig. 1. Upper Pliocene; Isle of Karrak, Persian Gulf.

Balanus (Chirona) unguiformis Sowerby
Figd spec. 58150. Davidie, C. 1963: 73, pl. 41, fig. 7. Eocene; Barton, Hampshire.

Balanus (Chirona) unguiformis erisma J. de C. Sowerby
Syntypes In. 17027-28. Sowerby, J. de C. 1846: pl. 648, fig. 2. Eocene, Barton Beds; Barton, Hampshire.

Balanus (Chirona) varians G.B. Sowerby
Syntype In. 19079. Sowerby, G.B. 1846: 264, pl. 2, fig. 5.
Syntype In. 19078. Sowerby, G.B. 1846: 264, pl. 2, fig. 4.
Syntypes 38435, In. 19080-85. Sowerby, G.B. 1846: 264. Lower Miocene, Patagonian Beds; San Julian, Patagonia, Argentina.

Balanus (Chirona) zelandicus Withers
Holotype 44397. Withers, T.H. 1924: 35, pl. 8, figs 15-19. Miocene, Oamaruian, Pareora Beds; Parimoa (= Awamoa), north-east Otago, New Zealand.

Balanus (Megabalanus) javanicus Withers
Holotype In. 20239. Withers, T.H. 1923: 282, pl. 18, fig. 1.
Paratype In. 20240. Withers, T.H. 1923: 282, pl. 18, fig. 2.
Paratype In. 20241. Withers, T.H. 1923: 282, pl. 18, fig. 3.
Paratype In. 20242. Withers, T.H. 1923: 282, pl. 18, fig. 4.
Paratype In. 20243. Withers, T.H. 1923: 282, pl. 18, fig. 5.
Paratype In. 20244. Withers, T.H. 1923: 282, pl. 18, fig. 6.
Paratype In. 20245. Withers, T.H. 1923: 282, pl. 18, fig. 7.
Paratype In. 20246. Withers, T.H. 1923: 282, pl. 18, fig. 8.
Paratypes In. 20247-51. Withers, T.H. 1923: 282. Miocene, Aquitanian; Java.

Balanus (Megabalanus) tintinnabulum Linnaeus
Figd spec. I. 14731. Sowerby, J. 1815: 194, pl. 84, fig. 2.
Darwin, C. 1855: 14, pl. 1, fig. 1a.
Figd spec. I. 14732. Sowerby, J. 1815: 194, pl. 84, fig. 3.
Figd spec. I. 14733. Sowerby, J. 1815: 194, pl. 84, fig. 4. Pliocene, Astian, Red Crag; Holywell near Ipswich, Suffolk.

Balanus (Megabalanus) tintinnabulum Linnaeus
Figd spec. I. 14734. Darwin, C. 1855: 13, pl. 1, fig. 1b. Pliocene, Astian, Red Crag; Sutton, Suffolk.

Balanus (Megabalanus) tintinnabulum Linnaeus
Figd spec. In. 19217. Withers, T.H. 1924: 24, pl. 6, figs 4-7. Probably Recent; Otago, New Zealand.

Balanus (Megabalanus) tintinnabulum Linnaeus
Figd spec. In. 61549. Davidie, C. 1963: 25, pl. 1, fig. 4. Pliocene; Cerigo, Greece.

Balanus (Megabalanus) tintinnabulum Linnaeus coccopoma Darwin
See *Balanus (Chirona) amaryllis* Darwin.

Balanus (Megabalanus) tubulatus Withers
Paratype I. 249. Withers, T.H. 1924: 28, pl. 7, figs 9, 10. Pliocene; Wellington, New Zealand.

Balanus (Megabalanus) tubulatus Withers
Paratype In. 24220. Withers, T.H. 1924: 28. Lower Pliocene; Castle Point, Wellington, New Zealand.

Balanus (Megabalanus) tubulatus Withers
Paratypes In. 24221-23. Withers, T.H. 1924: 28. Pliocene; Waipara Gorge, North Canterbury, New Zealand.

Baltoeurypterus tetragonophthalmus (Fischer)
Figd spec. I. 2772. Dalingwater, J.E. 1975: 273, text-fig. 1A. Upper Silurian; Wita, Saaremaa, Estonia.

Baltoeurypterus tetragonophthalmus (Fischer)
Figd specs I. 3404, In. 61369. Dalingwater, J.E. 1975: 271, pl. 3, figs 1-7. Upper Silurian; Rootsiküla, Saaremaa, Estonia.

Belinurus König 1851
See *Bellinurus* Pictet 1846.

Belinurus bellulus König
See *Bellinurus trilobitoides* (Buckland).

Bellinurus baldwini Woodward
Holotype In. 18572. Woodward, H. 1907: 540, fig. 1. Eller, E.R. 1938: 133, pl. 14, fig. 1. Upper Carboniferous, Middle Coal Measures; Sparth Bottoms, Rochdale, Greater Manchester.

Bellinurus koenigianus Woodward
Holotype 59227. Woodward, H. 1872: 439, pl. 10, fig. 8.
Woodward, H. 1878: 243, pl. 31, fig. 4.
Eller, E.R. 1938: 132, pl. 11, fig. 2.
Bergström, J. 1975: 293, pl. 1, fig. 5. Upper Carboniferous, Coal Measures; Tipton near Dudley, West Midlands.

Bellinurus koenigianus Woodward
Figd spec. I. 1542. Woodward, H. 1878: 243, pl. 31, fig. 3c.
Eller, E.R. 1938: 132, pl. 11, fig. 1. Upper Carboniferous; Coseley near Dudley, West Midlands.

Bellinurus longicaudatus Woodward
Holotype In. 18563. Woodward, H. 1907: 541, fig. 2. Eller, E.R. 1938: pl. 14, fig. 2. Upper Carboniferous, Middle Coal Measures; Sparth Bottoms, Rochdale, Greater Manchester.

Bellinurus trechmanni Woodward
Holotype In. 18487. Woodward, H. 1918: 469, fig. 5. Eller, E.R. 1938: pl. 12, fig. 1. Upper Carboniferous, Zone of *Anthracomya phillipsi*; Claxheugh near Sunderland, Tyne & Wear.

Bellinurus trilobitoides (Buckland)
Syntype 34889. Buckland, W. 1837: 77, pl. 46", fig. 3.
König, C.D. *c.* 1851: pl. 18, fig. 230.
Woodward, H. 1878: 239, pl. 31, fig. 3b.
Eller, E.R. 1938: pl. 10, figs 5, 9.
Syntype 46393. Buckland, W. 1837: 77 (not figured as stated by Woodward, H. 1867*a*: 241). Upper Carboniferous; Coalbrookdale, Salop.

Part 2 of König, C. *Icones Fossilium sectiles* was never published. The work only became available after his death in 1851. König's new taxa must date from 1851. It is clear that a number of workers had seen the plates and used the names before this date. Thus *Belinurus* König 1851 has as type species *Belinurus bellulus* König 1851 (= *Limulus trilobitoides* Buckland 1837). However Pictet, F.J. 1846: 538, pl. 46, fig. 23, used the name *Bellinurus* (sic) believing that it had been validly erected by König at an earlier date, with the type species by monotypy *Limulus trilobitoides* Buckland. Pictet is therefore the author of the genus *Bellinurus*.
Baily, W.H. (1859: 89) erected the new genus *Steropsis* without nominating a type species but with the following included species: *arcuatus* (N.S.), *anthrax*, *rotundus* (sic), *trilobitoides* (incl. *bellulus*). These included species would at the present time be spread between *Bellinurus* and *Euproops* Meek & Worthen 1865. In order to stabilise nomenclature, *L. trilobitoides* should be selected as type species of *Steropis* Baily making it a junior objective synonym of *Bellinurus* and conserving *Euproops*.

Brachylepas angulosa Collins
Holotype In. 64479. Collins, J.S.H. 1973: 380, pl. 5, fig. 16. Cretaceous, Maastrichtian, Ripley Formation; Barr Pasture, Oktibbeha Co. Mississippi, U.S.A.

Branchipodites vectensis Woodward
Syntypes In. 60605-07. Woodward, H. 1879: 346, pl. 14, figs 6-9. Oligocene, Bembridge Marls; Gurnard Bay, near Cowes, Isle of Wight.

Brontoscorpio anglicus Kjellesvig-Waering
Holotype In. 31403-05. Kjellesvig-Waering, E.N. 1972: 41, text-figs 1, 2. Silurian, Downtonian, Z.I.9; Birmingham Water Works, NNE of Eastham Bridge, Trimpley, Hereford & Worcester.

Bunodes horridus (Woodward)
Holotype In. 61509. Woodward, H. 1872: 179, pl. 30, fig. 6. Silurian, Wenlock Series; Dudley, West Midlands.

Bunodes lunula Eichwald
Figd spec. I. 1774(20). Bergström, J. 1975: 298, pl. 1, fig. 8. Upper Silurian: Rootsiküla, Saaremaa, Estonia.

Bunodes salweyi (Salter)
Figd spec. In. 61510. Woodward, H. 1872: 179, pl. 30, fig. 4.
La Touche, J.D. 1884: 86, fig. 807. Silurian, Lower Ludlow Series; Ledbury, Hereford & Worcester.

Bunodes sp. nov. (Bergström)
Figd spec. In. 48425. Bergström, J. 1975: 298, pl. 1, figs 9, 10. Silurian, Upper Ludlow Series; Stephenton, Salop.

Bunodes sp.
Figd spec. In. 61512. Woodward, H. 1872: pl. 30, fig. 3. Silurian, Upper Ludlow Series; Whitcliffe, Salop.

Buthiscorpius buthiformis (Pocock)
Holotype In. 18596. Pocock, R.I. 1911: 24, pl. 2, fig. 1, text-fig. 6.
Petrunkevitch, A. 1953: 32, figs 31-33, 122.
Petrunkevitch, A. 1955: 74, fig. 43, 3.
Dubinin, V.B. 1962: figs 1233, 1252. Upper Carboniferous, Coal Measures; Sparth Bottoms, Rochdale, Greater Manchester.

Buthiscorpius buthiformis (Pocock)
Paratype I. 1555. Pocock, R.I. 1911: 24, pl. 1, fig. 2.
Petrunkevitch, A. 1953: 32, fig. 34.
Paratype In. 31262. Pocock, R.I. 1911: 24, pl. 1, fig. 2*a*.
Wills, L.J. 1960: 278, pls 46, 47, text-figs 1-5. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Campylocephalus scouleri (Hibbert)
See *Hibbertopterus scouleri* (Hibbert).

Campylocephalus cf. scouleri (Hibbert):
Copeland & Bolton 1960.
See *Hibbertopterus* cf. *scouleri* (Hibbert).

Captrix lineata (Koch & Berendt)
Figd spec. In. 18767. Petrunkevitch, A. 1942: 384, figs 136-139, 539. Eocene, Baltic Amber; East Prussia.

Carabodes gerberi Sellnick
Holotype In. 64399. Sellnick, M. 1931: 168, fig. 26. Eocene, Baltic Amber; East Prussia.

Carcinochelus
See *Arthropleura?*

Carcinosoma harleyi Kjellesvig-Waering
Paratype In. 43802. Salter, J.W. 1859: 99, pl. 13, fig. 5.
Kjellesvig-Waering, E.N. 1961: 827. Silurian, Upper Ludlow Series; Whitcliffe, Salop.

Carcinosoma harleyi? Kjellesvig-Waering
Figd spec. In. 43789. Salter, J.W. 1859: 99, pl. 13, fig. 9.
Kjellesvig-Waering, E.N. 1961: 827. Silurian, Lower Ludlow; Church Hill, Leintwardine, Salop.

Carcinosoma obesum (Woodward)
See *Paracarcinosoma obesum* (Woodward)

Carcinosoma punctatum (Salter)
Syntype (paralectotype) In. 43804. Salter, J.W. 1859: 99, pl. 11, fig. 15.
Woodward, H. 1872: 153, pl. 29, fig. 2.
Kjellesvig-Waering, E.N. 1961: 828.
Syntypes (paralectotypes) 39384, 39387, 39389, In. 43789, In. 43811, In. 48415. Salter, J.W. 1859: 99, pl. 10, fig. 1, pl. 11, figs 9, 13, 14, text-fig. 14.
Kjellesvig-Waering, E.N. 1961: 828. Silurian, Lower Ludlow Series; Church Hill, Leintwardine, Salop.

Carcinosoma punctatum (Salter)
Figd spec. 59222. Woodward, H. 1868*a*: 292, pl. 9, fig. 2.
Woodward, H. 1872: 155, fig. 50. Silurian, Lower Ludlow Series; Leintwardine, Salop.

Carcinosoma punctatum? (Salter)
Syntype In. 43793. Salter, J.W. 1859: 99, pl. 10, fig. 11.
Kjellesvig-Waering, E.N.K. 1961: 828. Silurian, Lower Ludlow Series; Church Hill, Leintwardine, Salop.

Carcinosoma scorpioides (Woodward)
Holotype 59160. Woodward, H. 1868*a*: 292, pl. 9, fig. 1.
Woodward, H. 1872: 152, pl. 19, fig. 1.
Figd spec. 59165 (holotype of *Pterygotus raniceps* Woodward). Woodward, H. 1872: 71, pl. 16, fig. 1.
Kjellesvig-Waering, E.N. 1964: 345. Upper Silurian; Lesmahagow, Strathclyde.

Cenattus exophthalmicus Petrunkevitch
Holotype In. 17617. Petrunkevitch, A. 1942: 435, figs 33-36, 523.
Dubinin, V.B. 1962: 511, fig. 1517.
Paratype In. 18130. Petrunkevitch, A. 1942: 435. Eocene, Baltic Amber; East Prussia.

Centromachus euglyptus (Peach)
Figd spec. I. 12849. Petrunkevitch, A. 1949: 141, figs 136, 173.
Dubinin, V.B. 1962: 431, fig. 1242. Lower Carboniferous, Cemenstone Group, Calciferous Sandstone; near Langholm, Dumfries & Galloway.

Ceratoconcha minuta Newman & Ladd
Paratypes In. 64506-09. Newman, W.A. & Ladd, H.S. 1974: 394. Middle Miocene, Guaracara Lst., Tamana Formation; Concord Quarry, Pointe-à-Pierre, Trinidad.

Chelonibia caretta (Spengler)
Figd spec. In. 26663. Withers, T.H. 1928: 391, text-fig. Lower Miocene, Aquitanian, Chake Chake Beds; Ras Kingoje, Pemba Island, Zanzibar Protectorate.

Chelonibia patula (Ranzani)
Figd spec. In. 27570. Withers, T.H. 1929: 569, pl. 11, figs 11, 12. Miocene, Tortonian; Kalksburg, near Vienna, Austria.

Cheyletus burmiticus Cockerell
Holotype In. 19115. Cockerell, T.D.A. 1917: 41, fig. 2. Pleistocene; Hukong Valley, Burma.

Cleptomartus planus Petrunkevitch
Holotype I. 7918. Petrunkevitch, A. 1949: 220, figs 90-93, 218-220. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Cleptomartus plautus Petrunkevitch
Holotype I. 15896. Petrunkevitch, A. 1949: 212, figs 81-83, 216, 217, 221, 223.
Petrunkevitch, A. 1955: 105, figs 68, 2; 69.
Dubinin, V.B. 1962: 492, fig. 1409.
Paratypes I. 7884, I. 7915-16, I. 7920, I. 13956, I. 15857, I. 15884, I. 15895, I. 15898, In. 18334-36, In. 31251. Petrunkevitch, A. 1949: 212, figs 30, 47, 48, 86-88, 211, 212, 222, 224, 227.
Petrunkevitch, A. 1955: 105, fig. 66, 1.
(I. 13956, In. 18334-36 Paratypes of *Anthracomartus priesti* Pocock). Pocock, R.I. 1911: 68. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Cleptomartus plautus Petrunkevitch
Figd spec. In. 18573 (as *Anthracomartus trilobitus* Scudder). Woodward, H. 1907: 548, fig. 5. Upper Carboniferous, Coal Measures; Sparth Bottoms, Rochdale, Greater Manchester.

Collacteus captivus Petrunkevitch
Holotype In. 18714. Petrunkevitch, A. 1942: 351, figs 148-154, 202, 203, 579.
Dubinin, V.B. 1962: 507, fig. 1497. Eocene, Baltic Amber; East Prussia.

Compsoscorpius elegans Petrunkevitch
Holotype I. 7883. Petrunkevitch, A. 1949: 149, figs 151-154, 183-185.
Petrunkevitch, A. 1955: 75, fig. 44, 1.
Dubinin, V.B. 1962: 431, fig. 1253.
Figd spec. I. 7883 (as *Anthracoscorpio buthiformis* Pocock). Pocock, R.I. 1911: 26, fig. 7. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Compsoscorpius elongatus Petrunkevitch
Holotype I. 15862. Petrunkevitch, A. 1949: 150, figs 147-150, 186-88. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Cornia? greyii (Jones)
Syntypes I. 2436a, b. Jones, T.R. 1878: 100, pl. 3, fig. 1. Trias, Beaufort Beds; near Cradock, South Africa.

Cornia? limbata (Goldenberg)
Lectotype I. 3119. Goldenberg, F. 1877: 43, pl. 2, figs 12-14.
Guthörl, P. 1934: 13, pl. 2, fig. 1. Upper Carboniferous, Stephanian; near Saarbrücken, Germany.

Cornia? limbata (Goldenberg)
Paralectotypes I. 3116 (4 specimens). Goldenberg, F. 1877: 43.
Guthörl, P. 1934: 13, pl. 1, fig. 5. Upper Carboniferous, Stephanian; Wemmetsweiler, Saarbrücken, Germany.

Coronula barbara Darwin
Syntype I. 804. Darwin, C. 1854: 422, pl. 15, fig. 6. Pliocene, Astian, Red Crag; Suffolk.

Coronula barbara Darwin
Figd spec. I. 15886. Parkinson, J. 1811: 240, pl. 16, fig. 19.
Darwin, C. 1854: 422. Pliocene, Astian, Red Crag (Coprolite Diggings); Suffolk.

Crania Hirst & Maulik 1926 (*non* Retzius 1781)
See *Heterocrania* Hirst & Maulik 1926.

Cretiscalpellum harnedi Collins
Holotype In. 64421. Collins, J.S.H. 1973: 357, pl. 1, figs 11a-c. Cretaceous, Maastrichtian, Ripley Formation; 1.5 miles of E. of State College, Oktibbeha Co., Mississippi, U.S.A.

Cretiscalpellum harnedi Collins
Paratype In. 64420. Collins, J.S.H. 1973: 357, pl. 1, figs 10a, b.
Paratype In. 64422. Collins, J.S.H. 1973: 357, pl. 1, fig. 12.
Paratype In. 64486. Collins, J.S.H. 1973: 357. Cretaceous, Maastrichtian, Ripley Formation; N. of Evans Hall, Oktibbeha Co., Mississippi, U.S.A.

Cretiscalpellum macrum Collins
Holotype In. 64414. Collins, J.S.H. 1973: 354, pl. 1, fig. 1. Cretaceous, Upper Senonian,. Mooreville Chalk; 3 miles E. of West Greene and 3 miles W. of Clinton, Greene County, Alabama, U.S.A.

Cretiscalpellum macrum Collins
Paratype In. 64415. Collins, J.S.H. 1973: 354, pl. 1, fig. 3. Cretaceous, Santonian; 1½ miles N. of West Greene, Greene County, Alabama, U.S.A.

Cretiscalpellum macrum Collins
Paratype In. 64416. Collins, J.S.H. 1973: 354, pl. 1, fig. 4. Cretaceous, Santonian; 2 miles E. of West Greene, Greene County, Alabama, U.S.A.

Cretiscalpellum macrum Collins
Paratype In. 64417. Collins, J.S.H. 1973: 354, pl. 1, fig. 6. Cretaceous, Santonian, Mooreville Chalk; 1½ miles NE of Mt. Olive Church, north of Highway, Greene Co., Alabama, U.S.A.

Cretiscalpellum unguis (J. de C. Sowerby)
Figd spec. In. 61366. Collins, J.S.H. 1974: 383, pl. 11, fig. 12.
Figd spec. In. 61367. Collins, J.S.H. 1974: 383, pl. 11, figs 11a, b. Cretaceous, Upper Albian, *H. varicosum* subzone; Paddlesworth, Kent.

Cretiscalpellum vallum Collins
Holotype In. 64423. Collins, J.S.H. 1973: 358, pl. 1, figs 15a, b, 17a, b. Cretaceous, Campanian, basal Annona or upper Coffee Formation; 4½ miles S. of West Point, S. valley wall of Tibbee Creek, Clay Co., Mississippi, U.S.A.

Cretiscalpellum vallum Collins
Paratype In. 64424. Collins, J.S.H. 1973: 358, pl. 1, figs 22a, b.
Paratype In. 64425. Collins, J.S.H. 1973: 358, pl. 1, figs 20a, b.
Paratype In. 64426. Collins, J.S.H. 1973: 358, pl. 1, fig. 18.
Paratype In. 64427. Collins, J.S.H. 1973: 358, pl. 2, fig. 11.
Paratype In. 64428. Collins, J.S.H. 1973: 358, pl. 2, figs 2a, b.
Paratype In. 64429. Collins, J.S.H. 1973: 358, pl. 2, fig. 7.
Paratype In. 64430. Collins, J.S.H. 1973: 358, pl. 2, fig. 8.
Paratype In. 64432. Collins, J.S.H. 1973: 358, pl. 2, fig. 10.
Paratype In. 64433. Collins, J.S.H. 1973: 358, pl. 2, fig. 5.
Paratype In. 64434. Collins, J.S.H. 1973: 358, pl. 2, fig. 6.
Paratype In. 64435. Collins, J.S.H. 1973: 358, pl. 2, fig. 3.
Paratype In. 64483. Collins, J.S.H. 1973: 358, pl. 2, fig. 12.
Paratypes In. 64482, In. 64484-85. Collins, J.S.H. 1973: 358. Cretaceous, Campanian, basal Annona or upper Coffee Formation; Tibbee Creek, Clay Co., Mississippi, U.S.A.

Cretiscalpellum vallum Collins
Paratype In. 64431. Collins, J.S.H. 1973: 358, pl. 2, fig. 9. Cretaceous, Campanian, basal Annona or upper Coffee Formation; 1 mile W. of Gainesville, Sumter Co., Alabama, U.S.A.

Cretiscalpellum venustum Collins
Holotype In. 64418. Collins, J.S.H. 1973: 356, pl. 1, figs 7a, b. Cretaceous, Santonian, Mooreville Chalk; 1.2 miles E. of Mt. Olive Church, Greene Co., Alabama, U.S.A.

Cretiscalpellum venustum Collins
Paratype In. 64419. Collins, J.S.H. 1973: 356, pl. 1, fig. 9. Cretaceous, Santonian, Mooreville Chalk; 1½ miles NE of Mt. Olive Church, north of Highway, Greene Co., Alabama, U.S.A.

Creusia barbadensis Withers
See *Creusia (Withersia) barbadensis* (Withers)

Creusia (Withersia) barbadensis (Withers)
Holotype In. 22541. Withers, T.H. 1926: 2, pl. 1, fig. 5.
Paratype In. 22535. Withers, T.H. 1926: 2, pl. 1, figs 6, 7.
Paratype In. 22536. Withers, T.H. 1926: 2, pl. 1, figs 8, 9.
Paratype In. 22537. Withers, T.H. 1926: 2, pl. 1, figs 10, 11.
Paratype In. 22539. Withers, T.H. 1926: 2, pl. 1, fig. 3.
Paratype In. 22540. Withers, T.H. 1926: 2, pl. 1, fig. 4.
Paratypes In. 22542-43. Withers, T.H. 1926: 2. Pleistocene; 6 miles ENE of Bridgetown, Barbados

Cryptomartus hindi (Pocock)
Paratypes I. 13955, In. 22841, In. 31250, In. 31253. Pocock, R.I. 1911: 64, fig. 31.
Figd specs I. 13955, In. 18338. Petrunkevitch, A. 1949: 224, figs 64-65, 69, 195-99.
Petrunkevitch, A. 1955:· 105, fig. 68, 3.
(Paratype of *Cryptomartus priesti* (Pocock) In. 18337.)
Pocock, R.I. 1911: 68. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Cryptomartus priesti (Pocock)
Holotype In. 18333. Pocock, R.I. 1911: 67, text-figs 33, 34.
Petrunkevitch, A. 1953: 67, fig. 156.
Paratype In. 22842. Pocock, R.I. 1911: 68.,
Petrunkevitch, A. 1949: 228, figs 75, 80, 213.
Paratype In. 31237. Pocock, R.I. 1911: 67.
Petrunkevitch, A. 1949: 229, figs 29, 72, 208, 215.
Figd spec. I. 7893, I. 15858, In. 31264, In. 31268.
Petrunkevitch, A. 1949: 227, figs 35, 41, 53, 54, 73, 74, 76-79, 201-07, 209, 210, 214, 215.
Petrunkevitch, A. 1955: 105, fig. 68, 5. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Curculioides ansticii Buckland
Holotype In. 49323. Buckland, W. 1837: 77, pl. 46, fig. 1.
Petrunkevitch, A. 1949: 287.
Petrunkevitch, A. 1955: 159, fig. 115, 4a. Upper Carboniferous, Coal Measures; Coalbrookdale, Salop.

Curculioides ansticii Buckland
Figd spec. I. 7885. Pocock, R.I. 1911: 39, text-fig. 13.
Petrunkevitch, A. 1949: 287, fig. 269.
Figd spec. In. 31246, In. 31256. Pocock, R.I. 1911: 39, pl. 2, fig. 7, text-fig. 12.
Dubinin, V.B. 1962: 444, fig. 1285. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Curculioides eltringhami Petrunkevitch
Holotype In. 39771. Petrunkevitch, A. 1949: 291, figs 167-169, 270, 271.
Petrunkevitch, A. 1955: 159, fig. 115, 3. Upper Carboniferous, Middle Coal Measures; Phoenix Brickworks, Crawcrook, near Ryton-upon-Tyne, Tyne & Wear.

Curculioides granulatus Petrunkevitch
Holotype In. 18592. Petrunkevitch, A. 1949 : 287, figs. 163-166, 266, 267.
Petrunkevitch, A. 1955 : 159, fig. 115, 2. Upper Carboniferous, Coal Measures; Shipley clay-pit, near Ilkeston, Derbyshire.

Custodela cheiracantha (Koch & Berendt)
Figd spec. In. 18765. Petrunkevitch, A. 1942: 302, figs 129-135, 556.
Petrunkevitch, A. 1955: 144, fig. 31, 6.
Dubinin, V.B. 1962: 503, fig. 1458. Eocene, Baltic Amber; East Prussia.

Cyamocephalus loganensis Currie
Holotype I. 16521. Currie, L.D. 1927: 154, text-fig. 1.
Eldredge, N. & Plotnick, R.E. 1974: 1, fig. 1. Upper Silurian, Downtonian; Logan Water, Lesmahagow, Strathclyde.

Cyamocephalus cf. loganensis Currie
Figd spec. I. 25. Eldredge, N. & Plotnick, R.E. 1974: 7, fig. 2. Silurian, Ludlow Series; Ludlow, Salop.

Cyclophthalmus euglyptus (Peach)
See *Centromachus euglyptus* (Peach)

"Cyclus" johnsoni Woodward
Syntypes In. 22371-74. Woodward, H. 1894: 537, pl. 15, figs 4-7. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

"Cyclus" johnsoni Woodward
Figd spec. In. 41508. Gill, E.L. 1924: 463, text-figs 4, 5. Carboniferous, Middle Coal Measures; Phoenix Brickworks Crawcrook near Ryton-on-Tyne, Tyne & Wear.

"Cyclus" jonesianus Woodward
Holotype I. 15511. Woodward, H. 1870: 557, text-figs 1, 2.
Woodward, H. 1878: 254, pl. 32, fig. 46. Lower Carboniferous; Little Island, Co. Cork, Eire.

"Cyclus" radialis (Phillips)
Syntypes 58883a, b, c. Phillips, J. 1836: 240, pl. 22, fig. 25 (? 58883*b*). Carboniferous Limestone; Bolland, North Yorkshire.

"Cyclus" radialis (Phillips)
Figd spec. 58881. Woodward, H. 1869: 73, pl. 2, fig. 1.
Woodward, H. 1870: 557, pl. 23, fig. 2.
Woodward, H. 1878: 253, pl. 32, figs 43a, b.
Carboniferous Limestone; Visé, Belgium.
One of de Koninck's (1841) specimens of *C. radialis*.

"Cyclus" scotti (Woodward)
Figd spec. In. 22370. Woodward, H. 1894: 536, pl. 15, fig. 3. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

"Cyclus" scotti?(Woodward)
Figd spec. In. 18591. Hopwood, A.T. 1925: 308, pl. 11, fig. 7. Carboniferous, Coal Measures; Shipley Clay Pit, near Ilkeston, Derbyshire.

"Cyclus" testudo Peach
Figd spec. In. 22383. Woodward, H. 1894: 534, text-fig. 2.
Figd spec. In. 22386. Hopwood, A.T. 1925: 289, pl. 11, fig. 6. Carboniferous, Calciferous Sandstone; Eskdale, Dumfries & Galloway.

"Cyclus" torosus Woodward
Holotype I. 15512. Woodward, H. 1870: 555, pl. 23, figs 4, 4a. Lower Carboniferous; Little Island, co. Cork, Eire.

"Cyclus" wrightii Woodward
Holotype I. 15513. Woodward, H. 1870: 555, pl. 23, figs 5, 5a.
Woodward, H. 1878: 251, pl. 32, fig. 47. Lower Carboniferous; Little Island, co. Cork, Eire.

"Cyclus" sp.
Figd spec. In. 18598. Hopwood, A.T. 1925: 296, text-figs 6, 9. Carboniferous, Middle Coal Measures; Sparth Bottoms, Rochdale, Greater Manchester.

Cyzicus (Euestheria) aricensis (Jones)
Syntype I. 6814. Jones, T.R. 1897: 264, pl. 10, figs 1, 3, 289, pl. 10, fig. 4.
Syntype I. 6815. Jones, T.R. 1897: 264, pl. 10, fig. 2.
Carboniferous, "Bed F, Morro de Arica"; Arica, Dept. of Arequipa, Peru.

Cyzicus (Euestheria) beinertiana (Jones)
Syntype In. 61273. Jones, T.R. 1867: 25, pl. 1, figs 13, 14. Carboniferous, Westphalian; 21st level Rudolph Pit, Volpersdorf near Neurode, Silesia, Germany.

Cyzicus (Euestheria) brodieana (Jones)
Syntype I. 6084. Jones, T.R. 1863: 42, 75. Trias, Rhaetic; Linksfield, Elgin, Grampian, Scotland.

Cyzicus (Euestheria) brodieana (Jones)
Syntypes In. 49298-99. Jones, T.R. 1863: 67, pl. 2, figs 12-15
Lectotype In. 49298. Reible, P. 1962: 208, pl. 7, fig. 8.
Rhaetic; Wainlode Cliff, south bank of River Severn near Tewkesbury, Gloucestershire.

Cyzicus (Euestheria) brodieana (Jones)
Syntype In. 60143. Jones, T.R. 1863: 42, 75, pl. 2, figs 9, 10. Trias, Rhaetic; Linksfield, Elgin, Grampian, Scotland.

Cyzicus (Euestheria) brodieana (Jones)
Figd spec. I. 2437. Jones, T.R. 1890: 387, pl. 12, fig. 6. Trias, Lettenkohle; Fulda, Hessen-Cassel, Germany.

Cyzicus (Euestheria) brodieana (Jones)
Figd spec. I. 2438. Jones, T.R. 1890: 388, pl. 12, fig. 7. Trias, upper red clay of Grès bigarré; Durlach, Baden, Germany.

Cyzicus (Euestheria) brodieana (Jones)
Figd spec. In. 18509. Jones, T.R. 1891: 52, pl. 2, fig. 14. Trias, Keuper Marl; Alderley Edge, Cheshire.

Cyzicus (Euestheria) brodieana (Jones)
Figd spec. I. 16462. Richardson, L. 1904: 25, pl. 14, fig. 4.
Figd spec. I. 16463. Richardson, L. 1904: 25, pl. 14, fig. 5. Trias, Upper Rhaetic; Bourne Bank near Defford, Hereford & Worcester.

Cyzicus (Euestheria) brodieana (Jones)
Figd spec. In. 61010. Sykes, J.H., Cargill, J.S. & Fryer, H.G. 1970: 247, pl. 18, fig. 10. Trias, Rhaetic; Barnstone, Nottinghamshire.

Cyzicus (Euestheria) dawsoni (Jones)
Figd spec. In. 61276. Jones, T.R. 1884: 361, pl. 12, fig. 12. Lower Carboniferous; Horton, Nova Scotia, Canada.

Cyzicus (Euestheria) draperi (Jones & Woodward)
Holotype I. 3233. Jones, T.R. & Woodward, H. 1894a: 289, pl. 9, figs 1a, b, c. Trias, Karroo Formation, Cave Sandstone; eastern side the Platberg, Drakensberg Mts., Natal, South Africa.

Cyzicus (Euestheria) emmonsi (Raymond)
Paratype In. 61275. Jones, T.R. 1863: 84, pl. 2, fig. 26. Raymond, P.E. 1946: 253. Trias; Prince Edward near Richmond, Virginia, U.S.A.
Raymond states that Jones' 1862: pl. 2, fig. 27 is the holotype and that it is in the British Museum (Natural History). Unfortunately the specimen cannot be found or any evidence to suggest that it has ever been at the BM(NH) except that Jones' collection is deposited there.

Cyzicus (Euestheria) forbesii (Jones)
Syntypes 50521 (3 specimens). Jones, T.R. 1863: 109, pl. 4, figs 8-11.
Syntypes 44340, 50521, I. 172. Jones, T.R. 1863: 109.
Figd spec. I. 2170. Jones, T.R. 1897a: 263, pl. 11, figs 1a, b. Rhaetic?; Cacheuta, Mendoza Province, Argentina.

Cyzicus (Euestheria) geinitzii (Jones & Woodward)
Holotype I. 2714. Jones, T.R. & Woodward, H. 1893: 531, pl. 19, fig. 4.
Jones, T.R. & Woodward, H. 1894: 467, pl. 1, fig. 4. Permian, Lower Rothliegende, Lebach Beds; Boos Tunnel near Münster, Germany.

Cyzicus (Euestheria) grebeana (Jones & Woodward)
Syntypes I. 2715. Jones, T.R. & Woodward, H. 1893: 532, pl. 19, fig. 5.
Jones, T.R. & Woodward, H. 1894: 467, pl. 1, fig. 5. Permian, Lower Rothliegende, Lebach Beds; Boos Tunnel near Münster, Germany.

Cyzicus (Euestheria) hindei (Jones)
Syntype In. 19533. Jones, T.R. 1891: 51, pl. 2, figs 5-8.
Syntypes In. 19534-40. Jones, T.R. 1891: 51. Trias; Phoenixville Tunnel, Pennsylvania, U.S.A.

Cyzicus (Euestheria) karpinskiana (Jones)
Syntypes I. 1681 (6 specimens). Jones, T.R. 1883: 244, pl. 6, fig. 1a, b. Rhaetic; District Troizk, East Urals, Siberia.

Cyzicus (Euestheria) kotahensis (Jones)
Syntype In. 28268. Jones, T.R. 1863: 81, pl. 2, fig. 25.
Syntype I. 6837. Jones, T.R. 1863: 81, pl. 2, fig. 24. ?Lower Cretaceous, Kotá Beds; Kotah on the Pranhíta, India.

Cyzicus (Euestheria) laxitecta (Jones)
Syntype I. 2437. Jones, T.R. 1890: 388, pl. 12, fig. 5. Trias, Lettenkohle; Fulda, Hessen-Cassel, Germany.

Cyzicus (Euestheria) laxitecta (Jones)
Syntype I. 2439. Jones, T.R. 1890: 388, pl. 12, fig. 8a. Trias, Lower Keuper; Windheim, Bavaria, Germany.

Cyzicus (Euestheria) laxitecta (Jones)
Syntype I. 2440. Jones, T.R. 1890: 388, pl. 12, fig. 8b. Trias; Bayreuth, Bavaria, Germany.
Note: Reible, P. (1962 : 210) selected a neotype not from the original syntypes which are extant.

Cyzicus (Euestheria)? lewisii (Jones)
Syntypes I. 2529 (2 specimens). Jones, T.R. 1890: 385, pl. 12, figs 3, 3a. Trias; Bucks County, Pennsylvania, U.S.A.

Cyzicus (Euestheria) mangaliensis (Jones)
Syntype In. 28223. Jones, T.R. 1863: 78, pl. 2, figs 16-19, 21-23.
Syntype I. 6135. Jones, T.R. 1863: 78, pl. 2, fig. 20.
Syntypes 44338, I. 2165, In. 28224-26, In. 28231. Jones, T.R. 1863: 78. Permo-Trias, Lower Gondwana, Damuda Series; Mangali, 100 km south of Nagpur, India.

Cyzicus (Euestheria) mawsoni (Jones)
Syntype I. 6803. Jones, T.R. 1897a: 291, pl. 11, figs 3a-g.
Syntype I. 6804. Jones, T.R. 1897a: 291, pl. 11, figs 6a-c.
Syntype I. 6805. Jones, T.R. 1897a: 291. Lower Cretaceous; cutting on railway 12-13 km from Bahia between Periperi and Olaria, Bahia, Brazil.

Cyzicus (Euestheria) mawsoni (Jones)
Figd spec. I. 6806. Jones, T.R. 1897a: 292, pl. 11, figs 4a, b. Lower Cretaceous; near Pojuca Station on railway 82 km from Bahia, Brazil.

Cyzicus (Euestheria) mawsoni (Jones)
Figd spec. I. 6807. Jones, T.R. 1897a: 292, pl. 11, fig. 5.
Figd spec. I. 6810. Jones, T.R. 1897a: 292, pl. 11, fig. 7. Lower Cretaceous; Pitanga cutting on railway 73-74 km from Bahia, Brazil.

Cyzicus (Euestheria) middendorfi Jones
Syntype In. 28227. Jones, T.R. 1863: 111, pl. 4, fig. 12, 13.
Syntypes In. 28228-30. Jones, T.R. 1863: 111. Jurassic/Lower Cretaceous; near Tourga c.51°31'N, 116°E from the west bank of the stream Burka, flowing into R. Onón, c.213 km SE from Nerchinsk, Siberia.

Cyzicus (Euestheria) minuta (Von Zieten)
Figd spec. In. 49277. Jones, T.R. 1863: 42, pl. 2, fig. 8. Trias, Rhaetic; near Frome, Somerset.

Cyzicus (Euestheria) minuta (Von Zieten)
Figd spec. In. 61536. Jones, T.R. 1863: 42, pl. 1, figs 28, 29.
Figd spec. In. 61537. Jones, T.R. 1863: 42, pl. 5, fig. 8. Trias, Keuper; Sinsheim, Baden-Württemburg, Germany.

Cyzicus (Euestheria) minuta (Von Zieten)
Figd spec. In. 61540. Jones, T.R. 1863: 53, pl. 5, fig. 9. Trias, Bunter; Sulzbad, Saarland, Germany.

Cyzicus (Euestheria) minuta (Von Zieten)
See also *Cyzicus (Euestheria) brodieana* (Jones).

Cyzicus (Euestheria) muensteriana (Jones & Woodward)
Holotype I. 2712. Jones, T.R. & Woodward, H. 1893: 529, pl. 19, figs 1, 2.
Jones, T.R. & Woodward, H. 1894: 466, pl. 1, figs 1, 2.
Permian, Lower Rothliegende, Lebach Shale; Altenstadt, Wetterau, Hessen, Germany.

Cyzicus (Euestheria) multicostata (Emmons)
Syntype In. 61272. Emmons, E. 1856: 337, figs x,1, 2.
Jones, T.R. 1863: 86, fig. 6. Trias; Deep River, Chatham Co. N. Carolina, U.S.A.

Cyzicus (Euestheria) peachii Jones
Syntypes In. 48867-70. Jones, T.R. 1870: 220, pl. 9, fig. 17. Carboniferous; Camstone Quarry, Salisbury Craigs, Edinburgh, Scotland.

Cyzicus (Euestheria) reinachii (Jones & Woodward)
Holotype I. 2713. Jones, T.R. & Woodward, H. 1893: 531, pl. 19, fig. 3.
Jones, T.R. & Woodward, H. 1894: 467, pl. 1, fig. 3.
Permian, Lower Rothliegende, Upper Lebach Beds; Engelthal near Altenstadt, Wetterau, Germany.

Cyzicus (Euestheria) stowiana Jones & Woodward
Syntypes I. 3233 (2 specimens on same block as *C. (E.) draperi*). Jones, T.R. & Woodward, H. 1894: 290, pl. 9, figs 2a, b. Trias, Karoo Formation, Cave Sandstone; eastern side of Platberg, Drakensberg Mts., Natal, South Africa.

Cyzicus (Euestheria) subquadrata (Sowerby)
Figd spec. 44989b. Jones, T.R. 1863: 109, pl. 4, figs 6, 7.
Houša, V. & Špinar, Z.V. 1962: 12, pl. 6, fig. 8.
Cretaceous, Wealden; Oberkircken, Hanover, Germany.

Cyzicus (Euestheria) subquadrata (Sowerby)
Figd spec. I. 2523. Jones, T.R. 1890: 389, pl. 12, figs 1, 2. Jurassic, Middle Purbeck; Chicksgrove, Vale of Wardour, Wiltshire.

Cyzicus (Euestheria) tateana (Jones)
Syntypes I. 2580 (2 specimens). Jones, T.R. 1863: 26, pl. 1, figs 15-18.
Pruvost, P. 1919: 54, text-fig. 13. Lower Carboniferous; Lammerton, Borders, Scotland.

Cyzicus (Euestheria) sp.
Figd spec. In. 59348. Houša, V. & Špinar, Z.V. 1962: 14, pl. 6, fig. 7. Cretaceous, Wealden, Hastings Sand; Bulverhithe, near Hastings, East Sussex.

Cyzicus (Euestheria) sp.
Figd spec. In. 59353. Houša, V. & Špinar, Z.V. 1962: 22, pl. 6, fig. 5. Cretaceous, Wealden; Hastings, East Sussex.

Cyzicus (Lioestheria) andrewsii (Jones)
Syntypes I. 2532. Jones, T.R. 1891: 50, pl. 2, figs 1-4. Jurassic, Middle Purbeck; Teffont Ewyas, Wiltshire.

Cyzicus (Lioestheria) anomala (Jones)
Syntypes I. 6130. Jones, T.R. 1901: 352, figs 1, 2.
Syntype I. 6131. Jones, T.R. 1901: 353, figs 3, 4.
Lower Cretaceous, Uitenhage Series, Enon Conglomerate; Heidelberg, Swellendam district, Cape Province, South Africa.

Cyzicus (Lioestheria) dunkeri (Houša & Špinar)
Holotype 44984a. Jones, T.R. 1862: 103, pl. 4, fig. 1 (as *E. elliptica* Dunker).
Houša, V. & Špinar, Z.V. 1962: 28, pl. 6, fig. 6.
Cretaceous, Wealden; Oberkircken, Hanover, Germany.

Cyzicus (Lioestheria) dunkeri (Houša & Špinar)
Figd spec. In. 59354 (as *Estheria elliptica* var. *subquadrata* (Sowerby)). Jones, T.R. 1862: 109, pl. 3, fig. 23. Cretaceous, Wealden; Tunbridge Wells, Kent.

Cyzicus (Lioestheria) inornata Raymond
Holotype In. 61274. Jones, T.R. 1862: 85, pl. 2, figs 28-30 (as *Estheria ovata*).
Raymond, P.E. 1946: 233. Trias; Hardin's Pit near Richmond, Virginia, U.S.A.

Cyzicus (Lioestheria) ovata (Lea)
Figd spec. I. 5896. Jones, T.R. 1863: 84, pl. 2, figs 34, 35, 37. Trias; Dan River, Virginia, U.S.A.

Cyzicus (Lioestheria) raaschi (Raymond)
Figd spec. I. 5898. Jones, T.R. 1898: 291, text-figs 2, 3.
Figd spec. I. 5899. Jones, T.R. 1898: 291, text-fig. 4.
Figd spec. I. 5900. Jones, T.R. 1898: 291, text-fig. 1.
Permian, Cimarron Series; near Hunnewell, Sumner Co., Kansas, U.S.A.

Cyzicus (Lioestheria) rimosa (Goldenberg)
Lectotype I. 3096. Goldenberg, F. 1877: 44, pl. 2, figs 16-18.
Guthörl, P. 1934: 14, pl. 2, fig. 2, text-fig. 5.
Carboniferous, Saarbruck Beds; near Saarbrück Saarland, Germany.

Cyzicus (Lioestheria)? simoni (Pruvost)
Figd spec. In. 48886. Jones, T.R. 1863: 33, pl. 2, fig. 39. Upper Carboniferous, Coal Measures; Carluke, Strathclyde, Scotland.

Cyzicus (Lioestheria)? simoni (Pruvost)
Figd spec. In. 48899. Jones, T.R. 1863: 33, pl. 5, fig. 7. Upper Carboniferous, Coal Measures; Strathclyde, Scotland.

Cyzicus (Lioestheria)? simoni (Pruvost)
Figd spec. In. 48888 (as *Estheria tenella*). Jones, T.R. 1863: 32, pl. 5, fig. 1. Carboniferous, Upper Coal Measures, 4 foot Coal; Bradford Colliery, Greater Manchester.

Desultor depressus Petrunkevitch
Holotype In. 18756. Petrunkevitch, A. 1942: 400, figs 193, 194, 572.
Dubinin, V.B. 1962: 507, fig. 1493. Eocene, Baltic Amber; East Prussia.

Dinopilio parvus Petrunkevitch
Holotype In. 37101. Petrunkevitch, A. 1953: 110, fig. 197.
Petrunkevitch, A. 1955: 149, fig. 110, 5. Upper Carboniferous, Coal Measures; tip of Chislet Colliery, near Canterbury, Kent.

Dolichopterus bulbosus Kjellesvig-Waering
Holotype In. 44565. Kjellesvig-Waering, E.N. 1961: 831, pl. 95, fig. 7, text-fig. 1, fig. 21. Silurian, Downtonian; Railway Cutting, Ludlow, Salop.

Dysdera scrobiculata Menge
Figd spec. In. 18769. Petrunkevitch, A. 1942: 442, figs 59, 60, 529.
Petrunkevitch, A. 1955: 151, fig. 109, 4. Eocene, Baltic Amber; East Prussia.

Electrobisium acutum Cockerell
Holotype In. 19118. Cockerell, T.D.A. 1917a: 360, fig. 1. Pleistocene Amber; Hukong Valley, Burma.

Elucus inermis Petrunkevitch
Holotype In. 18743. Petrunkevitch, A. 1942: 340, figs 112-116, 558.
Dubinin, V.B. 1962: 505, fig. 1472. Eocene, Baltic Amber; East Prussia.

Eoatypus woodwardii McCook
Holotype In. 61271. McCook, H.C. 1888: 200, figs 1, 2.
Petrunkevitch,A. 1955: 136, fig. 100, 2. Oligocene,

Bembridge Marl; Gurnet Bay, Isle of Wight.

Eobuthus rakovnicensis Fritsch
See *Isobuthus rakovnicensis* (Fritsch)

Eoceratoconcha kugleri Newman & Ladd
Paratypes In. 64502-05. Newman, W.A. & Ladd, H.S. 1974: 387. Middle Miocene, Guaracara Lst., Tamana Formation; Concord Quarry, Pointe-à-Pierre, Trinidad.

Eocteniza silvicola Pocock
Holotype In. 31245. Pocock, R.I. 1911: 34, pl. 2, fig. 4.
Petrunkevitch, A. 1953: 101, fig. 193.
Petrunkevitch, A. 1955: 133, fig. 98, 2.
Dubinin, V.B. 1962: 496, fig. 1420. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Eodiplurina cockerelli Petrunkevitch
Holotype (counterpart) In. 25932. Petrunkevitch, A. 1922: 225, figs 1, 2. Miocene; Florissant, Colorado, U.S.A.

Eodipoena oculata Petrunkevitch
Holotype In. 18740. Petrunkevitch, A. 1942: 272, figs 160-168, 565.
Petrunkevitch, A. 1955: 142, fig. 102, 4.
Dubinin, V.B. 1962: 503, fig. 1443. Eocene, Baltic Amber; East Prussia.

Eogonatium succini Petrunkevitch
Holotype In. 18943. Petrunkevitch, A. 1942: 211, figs 289, 333-337, 595.
Petrunkevitch, A. 1955: 142, fig. 103, 4. Eocene, Baltic Amber; East Prussia.

Eolinus succineus Petrunkevitch
Holotype In. 18762. Petrunkevitch, A. 1942: 424, figs 37-41, 520, 524.
Dubinin, V.B. 1962: 515, fig. 1514.
Paratypes In. 18143, In. 18732, In. 29126B.
Petrunkevitch, A. 1942: 424.
Paratype In. 29126A. Petrunkevitch, A. 1942: 424, figs 42-44, 525. Eocene, Baltic Amber; East Prussia.

Eolinus theryi Petrunkevitch
Holotype In. 29169. Petrunkevitch, A. 1942: 428, figs 45-47, 526.
Dubinin, V.B. 1962: 511, fig. 1515. Eocene, Baltic Amber; East Prussia.

Eomatachia latifrons Petrunkevitch
Holotype In. 18737. Petrunkevitch, A. 1942: 222, figs 64-66, 436, 437, 531.
Dubinin, V.B. 1962: 515, fig. 1530V.
Paratype In. 17612. Petrunkevitch, A. 1942: 222, figs 429-433, 438.
Petrunkevitch, A. 1955: 140, fig. 103, 5.
Dubinin, V.B. 1962: 515, fig. 1530B.
Paratype In. 18733. Petrunkevitch, A. 1942: 222, figs 67, 68, 434, 435, 533.
Dubinin, V.B. 1962: 515, figs 1530 A, G.
Paratype In. 18719. Petrunkevitch, A. 1942: 222.
Paratype In. 18738. Petrunkevitch, A. 1942: 222, fig. 532. Eocene, Baltic Amber; East Prussia.

Eomysmena moritura Petrunkevitch
Holotype In. 18113. Petrunkevitch, A. 1942: 284, figs 259-266, 591.
Dubinin, V.B. 1962: 503, fig. 1446. Eocene, Baltic Amber; East Prussia.

Eomysmena succini Petrunkevitch
Holotype In. 18114. Petrunkevitch, A. 1942: 286, figs 341-346, 606. Eocene, Baltic Amber; East Prussia.

Eophrynus jugatus Ambrose & Romano
Holotype In. 61019. Ambrose, T. & Romano, M. 1972. 576, pl. 113, fig. 2. Upper Carboniferous, Westphalian D, *tenuis* Zone; mine tip at Kilmersdon Colliery, Radstock, Avon.

Eophrynus pococki Gill
See *Pseudokreischeria pococki* (Gill)

Eophrynus prestvicii (Buckland)
Holotype In. 49322. Buckland, W. 1837: 77, pl. 46", fig. 2. Upper Carboniferous, Coal Measures; Coalbrookdale, Salop.

Eophrynus varius Petrunkevitch
See *Pseudokreischeria varia* (Petrunkevitch).

Eoscorpius anglicus Woodward
See *Palaeomachus anglicus* (Woodward).

Eoscorpius euglyptus Peach
See *Centromachus euglyptus* (Peach).

Eoscorpius sparthensis Baldwin & Sutcliffe (pars)
See *Isobuthus rakovnicensis* (Fritsch).

Eostasina aculeata Petrunkevitch
Holotype In. 18111. Petrunkevitch, A. 1942: 370, figs 368-371, 596.
Dubinin, V.B. 1962: 509, fig. 1501. Eocene, Baltic Amber; East Prussia.

Erettopterus (Erettopterus) bilobus (Salter)
Figd spec. 41888. Salter, J.W. 1859: 39, pl. 1, fig. 4.
Woodward, H. 1869: 54, text-fig. 8.
Figd specs 42017, 44290, 45158-59, 47988, 59544, In. 53890, In. 60033, In. 61502-04. Woodward, H. 1869: 54, pl. 10, pl. 11, figs 1, 3, pl. 14, fig. 1, pl. 15, figs 1-3, text-fig. 11. Upper Silurian; Lesmahagow, Strathclyde, Scotland.

Erettopterus (Erettopterus) bilobus (Salter)
Figd spec. In. 60028. Waterston, C.D. 1964: 10, pl. 1, fig. 6, text-fig. 2A.
Figd spec. In. 59342-43. Kjellesvig-Waering, E.N. 1964: 352, pl. 53, figs 1, 2, text-figs 11-13. Upper Silurian, Ludlow Series; Logan Water, Lesmahagow, Strathclyde, Scotland.

Erettopterus (Erettopterus) marstoni Kjellesvig-Waering
Holotype In. 43790. Salter, J.W. 1859: 101, pl. 11, fig. 2.
Kjellesvig-Waering, E.N. 1961: 820, text-fig. 3, fig. 38.
Paratype In. 43805. Salter, J.W. 1859: 101, pl. 11, fig. 1.
Kjellesvig-Waering, E.N. 1961: 820, text-fig. 3, fig. 39.
Paratype 39394. Salter, J.W. 1859: 103, pl. 13, fig. 7 (as *Pterygotus punctatus*).
Kjellesvig-Waering, E.N. 1961: 820, text-fig. 3, fig. 37.
Silurian, Lower Ludlow Series; Church Hill, Leintwardine, Salop.

Erettopterus (Erettopterus) marstoni Kjellesvig-Waering
Figd spec. 39396 (syntype of *Pterygotus arcuatus* Salter). Salter, J.W. 1859: 95, pl. 15, fig. 5.
Woodward, H. 1872: 90, fig. 23. Silurian, Lower Ludlow Series; Leintwardine, Salop.

Erettopterus (Erettopterus) spatulatus Kjellesvig-Waering
Holotype (cpt) In. 44563. Salter, J.W. 1859: 51, pl. 12, fig. 23.
Woodward, H. 1872: 72, pl. 16, fig. 4.
Kjellesvig-Waering, E.N. 1961: 821, pl. 94, fig. 4, pl. 96, fig. 4, text-fig. 2, fig. 25. Silurian, Downtonian; Railway Cutting, Ludlow, Salop.

Erettopterus (Erettopterus) spatulatus Kjellesvig-Waering
Paratype In. 43794. Salter, J.W. 1859: 53, pl. 12, fig. 40.
Kjellesvig-Waering, E.N. 1961: 821. Silurian, Downton Sandstone; Ludford Lane, Ludford, Salop.

Erettopterus (Erettopterus) sp.
Figd spec. 39393 (as *Pterygotus banksii?* Salter).
Salter, J.W. 1859: 51, pl. 12, fig. 46.
Kjellesvig-Waering, E.N. 1961: 823. Silurian, Upper Ludlow Series; Batchcott, Salop.

Erettopterus (Truncatiramus) gigas gigas Salter
Figd specs In. 43791, In. 43801, In. 43804. Salter, J.W. 1859: 89, pl. 12, figs 14, 16, 21, (as *Pterygotus problematicus*). Silurian, Upper Ludlow Series; Whitcliffe, Salop.

Erettopterus (Truncatiramus) gigas gigas Salter
Figd spec. In. 43803. Salter, J.W. 1859: 89, pl. 12, fig. 13 (as *Pterygotus problematicus*). Silurian, Upper Ludlow Series; Ludlow, Salop.

Erettopterus (Truncatiramus) gigas gigas Salter
Figd spec. In. 43806. Salter, J.W. 1859: 89, pl. 12, fig. 20.
Baily, W.H. 1875: pl. 27, fig. 3b. Silurian; Hagley Park, Hereford & Worcester.

Erettopterus (Truncatiramus) gigas gigas Salter
Figd spec. In. 43807. Salter, J.W. 1859: 89, pl. 12, fig. 9.
Baily, W.H. 1875: pl. 27, fig. 3a. Silurian, Upper Ludlow Series; Ludlow, Salop.

Erettopterus (Truncatiramus) gigas gigas Salter
Figd spec. 39390 (as syntype of *Pterygotus ludensis*).
Salter, J.W. 1859: 79, pl. 12, fig. 1. Silurian, Transition Beds; Railway Station, Ludlow, Salop.

Erettopterus (Truncatiramus) gigas megalodon Kjellesvig-Waering
Figd spec. In. 43808 (as *Pterygotus problematicus*).
Salter, J.W. 1859: 92, text-fig. 12. Silurian, Upper Ludlow Series; Comus Wood, Ludlow, Salop.

Ero carboneana Petrunkevitch
Holotype In. 18755. Petrunkevitch, A. 1942: 206, figs 108-111, 557. Eocene, Baltic Amber; East Prussia.

Ero permunda Petrunkevitch
Holotype In. 18744. Petrunkevitch, A. 1942: 204, figs 91-94, 537.
Petrunkevitch, A. 1955: 142, figs 101, 3; 102, 1. Eocene, Baltic Amber; East Prussia.

Estheria adamsii Jones
= *Anthraconauta phillipsii* (Williamson) — a mollusc
BM(NH) PL 3193.

Estheria chilensis Jones (*nec* Philippi)
See *Rhabdostichus molesta* (Jones).

Estheria concentrica Bean
= *Protomiodon concentricus* (Bean) a mollusc.
Novozhilov (1954) made *E. concentrica* Bean, type species of his new genus *Trigonestheria.*

Estheria elliptica Dunker
See *Cyzicus (Lioestheria) dunkeri* Houša & Špinar.

Estheria elliptica var.subquadrata (Sowerby)
See *Cyzicus (Lioestheria) dunkeri* Houša & Špinar.

Estheria membranacea (Pacht) from Scotland
See *Asmussia murchisoniana* (Jones).

Estheria ovata Lea
See also *Cyzicus (Lioestheria) inornata* Raymond.

Estheria striata tenuipectoralis Jones
See *Asmussia tenuipectoralis* (Jones).

Estheria subquadrata (Sowerby)
See *Cyzicus (Lioestheria) dunkeri* Houša & Špinar.

Estheria tenella (Bronn)
See *Cyzicus (Lioestheria?) simoni* (Pruvost).

Estheria tessellata Jones — a mollusc.

Estheriina astartoides Jones
Syntype I. 6816. Jones, T.R. 1897: 201, pl. 8, fig. 7.
Syntype I. 6817. Jones, T.R. 1897: 201, pl. 8, fig. 8.
Syntypes I. 6818-21. Jones, T.R. 1897: 201. Lower Cretaceous, Bahian; cutting on railway 83 km from Bahia, Brazil.

Estheriina bresiliensis Jones
Syntype I. 6822. Jones, T.R. 1897: 198, pl. 8, fig. 1. Lower Cretaceous, Bahian; 5 km from Bahia on railway to San Francisco, Brazil.

Estheriina bresiliensis Jones
Syntypes I. 6823-26, I. 6829-33. Jones, T.R. 1897: 198. Lower Cretaceous, Bahian; 3.85 km — 5 km from Bahia on railway to San Francisco, Brazil.

Estheriina bresiliensis Jones
Syntype I. 6827. Jones, T.R. 1897: 198, pl. 8, fig. 5.
Raymond, P.E. 1946: 267, pl. 4, fig. 5. Lower Cretaceous, Bahian; 3.85 km from Bahia on railway to San Francisco, Brazil.

Estheriina bresiliensis Jones
Syntype I. 6828. Jones, T.R. 1897: 198, pl. 8, fig. 2.
Raymond, P.E. 1946: 267, pl. 4, fig. 6. Lower Cretaceous, Bahian; 4 km from Bahia on railway to San Francisco, Brazil.

Estheriina expansa Jones
Holotype I. 3475. Jones, T.R. 1897: 201, pl. 8, figs 6a, b. Lower Cretaceous, Bahian; railway cutting 83 km from Bahia between Pojuca and Sao Jago, Brazil.

Esuritor spinipes Petrunkevitch
Holotype In. 18745. Petrunkevitch, A. 1942: 235, figs 70, 71, 535.
Petrunkevitch, A. 1955: 141, fig. 104, 3.
Dubinin, V.B. 1962: 505, fig. 1481.
Paratype In. 18718. Petrunkevitch, A. 1942: 235, figs 69, 72, 534.
Dubinin, V.B. 1962: 505, fig. 1480. Eocene, Baltic Amber; East Prussia.

Euphoberia ferox Salter
See *Acantherpestes ferox* (Salter).

Euproops ? anthrax (Prestwich)
Syntypes I. 2750, I. 2752. Prestwich, J. 1840: 491, pl. 41, figs 1, 4.
Woodward, H. 1867: 32, pl. 1, fig. 2.
Woodward, H. 1878: 244, pl. 31, figs 6, 6a.
Syntype I. 2751. Prestwich, J. 1840: 491, pl. 41, fig. 2.
Bergström, J. 1975: 294, pl. 1, fig. 6. Bergström in error gave the number I. 2753 which is a syntype of *Euproops rotundata.*
Syntype I. 12925. Prestwich, J. 1840: 491, pl. 41, fig. 3. Carboniferous, Coal Measures, White Flat Ironstone; Ketley, Coalbrookdale, Salop.
Note: See under entry *Bellinurus trilobitoides* (Buckland) for comments on the generic name *Euproops.*

Euproops kilmersdonensis Ambrose & Romano
Holotype In. 61012. Ambrose, T. & Romano, M. 1972: 570, pl. 112, fig. 1, pl. 113, fig. 1.
Paratypes In. 61013-61018 (on one slab). Ambrose, T. & Romano, M. 1972: 570, pl. 112, figs 2-7.
Carboniferous, Westphalian D, *tenuis* Zone; mine tip at Kilmersdon Colliery, near Radstock, Avon.

Euproops rotundata (Prestwich)
Syntype I. 2753. Prestwich, J. 1840: 491, pl. 41,

figs 5, 6.
Woodward, H. 1867*a*: 241, pl. 3, fig. 9.
Koninck, L-G. de 1881: 4, fig. 3.
Syntype I. 12924. Prestwich, J. 1840: 491, pl. 41, fig. 7. Upper Carboniferous, Coal Measures, White Flat Ironstone; Ketley, Coalbrookdale, Salop.

Euproops rotundata (Prestwich)
Figd spec. I. 2748. Greenwell, G.C. 1867: 123, pl. 1. Upper Carboniferous, Coal Measures; Camerton Colliery, near Radstock, Avon.

Euproops rotundata major (Woodward) *nom. nud.*
Holotype In. 18562. Woodward, H. 1907: 568. Carboniferous, Middle Coal Measures; Sparth Bottoms, Rochdale, Greater Manchester.

Europhthalmus longimanus Petrunkevitch
Holotype In. 39766. Petrunkevitch, A. 1949: 154, figs 140, 141, 174.
Petrunkevitch, A. 1955: 75, fig. 45, 1.
Dubinin, V.B. 1962: 431, fig. 1254. Upper Carboniferous, Middle Coal Measures; Phoenix Brickworks, Crawcrook, near Ryton-on-Tyne, Tyne & Wear.

Europhthalmus cf. longimanus Petrunkevitch
Figd spec. I. 13976 (as *Palaeomachus* sp.)
Petrunkevitch, A. 1949: 137, figs 156, 180.
Dubinin, V.B. 1962: 433, fig. 1260. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Europhthalmus? sp.
Figd spec. In. 18603. Petrunkevitch, A. 1949: 155, figs 142, 179. Upper Carboniferous, Middle Coal Measures; Monckton Main Colliery, Barnsley, South Yorkshire.

Eurypterid
Figd spec. In. 25990. Waterston, C.D. 1957: 279, pl. 2, fig. 6. Carboniferous, Calciferous Sandstone Series; Newton Farm, Foulden, Borders, Scotland.

Eurypterus acuminatus Salter
See *Hughmilleria (Hughmilleria?) acuminata* (Salter).

Eurypterus brodiei Woodward
See *Eurypterus cephalaspis* Salter.

Eurypterus cephalaspis Salter
Figd spec. I. 3023 (holotype of *E. brodiei* Woodward).
Woodward, H. 1871*a*: 261, fig. 1.
Woodward, H. 1871*b*: 276, plate.
Woodward, H. 1872: 161, fig. 53.1.
La Touche, J.D. 1884: 77, fig. 562.
Kjellesvig-Waering, E.N. 1951: 18, pl. 3, fig. 1.
Silurian Downtonian; Perton, Hereford & Worcester.

Eurypterus cephalaspis Salter
Figd spec. In. 43796 (syntype of *Eurypterus linearis*).
Salter, J.W. 1859*a*: 234, pl. 10, fig. 15.
Woodward, H. 1872: 147, pl. 28, fig. 10.
La Touche, J.D. 1884: 77, fig. 559. Silurian, Downton Sandstone; Ludford Lane, Ludford, Salop.

Eurypterus cephalaspis Salter
Figd spec. In. 44557. Kjellesvig-Waering, E.N. 1961: 826, text-fig. 1, fig. 17. Silurian, Downtonian, Temeside Shales; Railway Cutting, Ludlow, Salop.

Eurypterus cephalaspis Salter
Figd spec. In. 44574. Kjellesvig-Waering, E.N. 1961: 826, text-fig. 1, fig. 16.
Figd spec. In. 44576. Kjellesvig-Waering, E.N. 1961: 826, text-fig. 1, fig. 19. Silurian, Downton Sandstone; Ludford Lane, Ludford, Salop.

Eurypterus fischeri Eichwald
See *Baltoeurypterus tetragonophthalmus* (Fischer).

Eurypterus lanceolatus Salter
See *Hughmilleria (Nanahughmilleria) lanceolata* (Salter).

Eurypterus linearis Salter
See *Eurypterus cephalaspis* Salter.

Eurypterus megalops Salter
See *Stylonurus megalops* (Salter).

Eurypterus obesus Woodward
See *Paracarcinosoma obesum* (Woodward).

Eurypterus pulicaris Salter
Syntypes In. 61505-06. Salter, J.W. 1863: 78, figs 9, 10.
Clarke, J. & Ruedemann, R. 1912: 156 (gen. et sp. indet.)
Kjellesvig-Waering, E.N. 1958: 1142 (not a eurypterid)
Devonian; St John's, New Brunswick, Canada.

Eurypterus punctatus (Salter)
See *Carcinosoma punctatum* (Salter).

Eurypterus pygmaeus Salter
See *Hughmilleria (Nanahughmilleria) pygmaea* (Salter) also *Parahughmilleria salteri* Kjellesvig-Waering.

Eurypterus scabrosus Woodward
See *Woodwardopterus scabrosus* (Woodward).

Eurypterus scorpioides Woodward
See *Carcinosoma scorpioides* (Woodward).

Eurypterus scouleri Hibbert
See *Hibbertopterus scouleri* (Hibbert).

Eurypterus symondsii Salter : La Touche
See *Stylonurus megalops* (Salter).

Eurypterus tetragonophthalmus Fischer
See *Baltoeurypterus tetragonophthalmus* (Fischer).

Eurypterus wilsoni Woodward
See *Adelophthalmus wilsoni* (Woodward).

Eurypterus sp. Salter 1863*a*.
See *Hibbertopterus* cf. *scouleri* (Hibbert).

Euscalpellum antarcticum Withers
Holotype In. 43813. Withers, T.H. 1951: 157, pl. 12, fig. 2.
Paratype In. 43814. Withers, T.H. 1951: 157, pl. 12, fig. 3.
Paratype In. 43815. Withers, T.H. 1951: 157, pl. 12, figs 4a, b.
Paratypes In. 43906-07. Withers, T.H. 1951: 157.
Cretaceous, Campanian; The Naze 63° 55'S; 57° 30'W. NE Graham Land, Antarctica.

Euscalpellum zelandicum Withers
Holotype In. 43731. Withers, T.H. 1951: 155, pl. 11, fig. 1.
Paratype In. 43732. Withers, T.H. 1951: 155, pl. 11, fig. 2.
Paratype In. 43733. Withers, T.H. 1951: 155, pl. 11, figs 3a-c.
Paratype In. 43734. Withers, T.H. 1951: 155, pl. 12, fig. 1a, b.
Paratypes In. 43735-37. Withers, T.H. 1951: 155.
Cretaceous, Campanian, Tuerian Greensand; Waipara Gorge, North Canterbury, New Zealand.

Eustaloides setosus Petrunkevitch
Holotype In. 18117. Petrunkevitch, A. 1942: 318, figs 279-288, 590. Eocene, Baltic Amber; East Prussia.

Eustaloides succini Petrunkevitch
Holotype In. 18764. Petrunkevitch, A. 1942: 320, figs 117-123, 567.
Dubinin, V.B. 1962: 505, fig. 1466. Eocene, Baltic Amber; East Prussia.

Facundia clara Petrunkevitch
Holotype In. 18127. Petrunkevitch, A. 1942: 377, figs 415-421, 614.
Dubinin, V.B. 1962: 509, fig. 1509. Eocene, Baltic Amber; East Prussia.

Filiola
See *Filiolella.*

Filiolella argentata (Petrunkevitch)
Holotype In. 18139 B. Petrunkevitch, A. 1942: 380, figs 380-385, 612.
Dubinin, V.B. 1962: 509, fig. 1510. Eocene, Baltic Amber; East Prussia.

Garypus burmiticus Cockerell
Holotype In. 20149. Cockerell, T.D.A. 1920: 274, fig. 1. Pleistocene amber; Hukong Valley, Burma.

Geralinura britannica Pocock
See *Prothelyphonus britannicus* (Pocock).

Geralinura ? sutcliffei Woodward
See *Trigonoscorpio ? sutcliffei* (Woodward).

Geraphrynus angulatus Pocock
See *Goniotarbus angulatus* (Pocock).

Geraphrynus angustus Pocock
See *Mesotarbus angustus* (Pocock).

Geraphrynus eggintoni Pocock
See *Mesotarbus eggintoni* (Pocock).

Geraphrynus hindi Pocock
See *Mesotarbus hindi* (Pocock).

Geraphrynus torpedo Pocock
See *Leptotarbus torpedo* (Pocock).

Geraphrynus tuberculatus Pocock
See *Goniotarbus tuberculatus* (Pocock).

Gigantoscorpio willsi Størmer
Holotype In. 42706-07. Wills, L.J. 1960: 331, pl. 53, fig. 6 (as '*Glyptoscorpio*').
Størmer, L. 1963: 1, pls 1-22. text-figs. Lower Carboniferous, Calciferous Sandstone; Glencartholm, Dumfries, & Galloway.

Glyptoscorpius caledonicus Salter
Figd spec. In. 25982. Wills, L.J. 1960: 331, pl. 53, fig. 5. Lower Carboniferous, Calciferous Sandstone; near Newton Farm, Foulden, Borders, Scotland.

'Glyptoscorpius' sp. (Wills)
See *Gigantoscorpio willsi* Størmer.

Goniotarbus angulatus (Pocock)
Holotype In. 22838. Pocock, R.I. 1911: 49, pl. 3, figs 2, 2a, text-figs 19, 20.
Petrunkevitch, A. 1953: 52, figs 50, 51, 137.
Petrunkevitch, A. 1955: 90, fig. 58, 5.
Dubinin, V.B. 1962: 479, figs 1372A, B. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Goniotarbus tuberculatus (Pocock)
Holotype In. 31263. Pocock, R.I. 1911: 52, fig. 23.
Petrunkevitch, A. 1953: 52, figs 49, 136.
Petrunkevitch, A. 1955: 90, fig. 58, 4a.
Figd spec. In. 22840 (paratype of *Goniotarbus tuberculatus* Petrunkevitch). Petrunkevitch, A. 1949: 168, figs 133, 239.
Petrunkevitch, A. 1955: 90, fig. 58, 4b.
Figd spec. In. 32149 (holotype of *Goniotarbus tuberculatus* Petrunkevitch). Petrunkevitch, A. 1949: 168, figs130-132, 240, 241.
Figd spec. I. 15864 (paratype of *Goniotarbus tuberculatus* Petrunkevitch). Petrunkevitch, A. 1949: 168, fig. 238.
(Unfigd paratypes of *Goniotarbus tuberculatus* Petrunkevitch In. 18339, In. 18340, In. 31252).
Petrunkevitch, A. 1949: 168. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Gorgopsina frenata (Koch & Berendt)
Figd specs In. 18730, In. 18739, In. 18753.
Petrunkevitch, A. 1942: 408, figs 20-25, 27, 28, 517, 519, 520.
Dubinin, V.B. 1962: 509, figs 1513, B.V.G. Eocene, Baltic Amber; East Prussia.

Gorgopsina jucunda (Petrunkevitch)
Holotype In. 18758. Petrunkevitch, A. 1942: 417, figs 48, 49, 608.
Paratype In. 18735. Petrunkevitch, A. 1942: 417, figs 29-32, 318.
Paratype In. 18763. Petrunkevitch, A. 1942: 417, fig. 26.
Paratype In. 18747. Petrunkevitch, A. 1942: 417, figs 609, 610.
Unfigd paratypes In. 18112, In. 18949.
Petrunkevitch, A. 1942: 417. Eocene, Baltic Amber; East Prussia.

Gorgopsis
See *Gorgopsina*

Graeophonus anglicus Pocock
Holotype In. 31233. Pocock, R.I. 1911: 32, pl. 1, fig. 4a.
Petrunkevitch, A. 1955: 126, fig. 93, 2b, c.
Dubinin, V.B. 1962: 437, fig. 1269.
Paratype In. 31234. Pocock, R.I. 1911: 32, pl. 1, fig. 4c.
Petrunkevitch, A. 1953: 99, fig. 103.
Paratypes In. 31248, In. 31260. Pocock, R.I. 1911: 32, pl. 1, figs 4, 4b.
(Unfigd paratype of *Plesiosiro madeleyi* Pocock) In. 22836. Pocock, R.I. 1911: 44.
Petrunkevitch, A. 1949: 272.
Figd specs I. 13877, In. 31257. Petrunkevitch, A. 1949: 271, figs 161, 162, 263, 264, 268.
Petrunkevitch, A. 1955: 126, fig. 93, 2a. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Halicyne *sensu* Hopwood 1925
See "*Cyclus*".

Hemiaspis horridus Woodward
See *Bunodes horridus* (Woodward).

Hemiaspis limuloides Woodward
See *Limuloides limuloides* (Woodward).

Hemiaspis salweyi Woodward
See *Bunodes salweyi* (Woodward).

Hemiaspis sp. Woodward
See *Bunodes* sp.

Hemiaspis speratus Woodward
See *Limuloides speratus* (Woodward).

Heterocrania rhyniensis (Hirst & Maulik)
Syntypes In. 24658-59. Hirst, S. & Maulik, S. 1926: 70, 288, pl. 7, figs C, G, H, I, text-fig. 1. Devonian, Rhynie Chert; Rhynie, Grampian, Scotland.

Hexelasma aucklandicum Hector
Syntypes (= paralectotypes) In. 20592-604.
Hector, J. 1888: 440.
Withers, T.H. 1913: 841.
Figd cast I. 15888 (of original figd by Benham, W.B. 1903.*Geol. Mag.* (4) 10: pl. 9, figs 1, 2.) Withers, T.H. 1924: 18, pl. 5, fig. 1. Miocene, Oamaruian, base of Waitemata Beds; Motutapu Island, Auckland Harbour, New Zealand.

Hibbertopterus cf. scouleri (Hibbert)
Figd spec. In. 61507. Salter, J.W. 1863*a*. 78, fig. 5. Upper Carboniferous, Riversdale Group; Port Hood, Nova Scotia, Canada.

Hughmilleria (Hughmilleria)? acuminata (Salter)
Holotype In. 43798 (counterpart of G.S.M. 89404).
Salter, J.W. 1859*a*: 233, pl. 10, fig. 17.
Woodward, H. 1872: 146, pl. 28, fig. 13.
La Touche, J.D. 1884: 77, fig. 558. Silurian, Downtonian, Temeside Shales; Railway Cutting, Ludlow, Salop.

Hughmilleria (Hughmilleria)? acuminata (Salter)
Figd spec. In. 44575. Kjellesvig-Waering, E.N. 1961: 797, pl. 94, fig. 3, text-fig. 1, 20. Silurian, Downton Sandstone; Ludford Lane, Ludford, Salop.

Hughmilleria (Hughmilleria) banksii (Salter)
Figd spec. In. 44584 (counterpart = GSM 89400).
Salter, J.W. 1859*a*: 233, pl. 10, fig. 13 *(Eurypterus megalops)*.
Woodward, H. 1872: 124, pl. 28, fig. 8 *(Stylonurus* sp.*)*.
Silurian, Downtonian, Temeside Shales; Ludlow Railway Station, Ludlow, Salop.

Hughmilleria (Nanahughmilleria) lanceolata (Salter)
Figd spec. 44448. Woodward, H. 1864: 107, pl. 5, figs 7-8.
Woodward, H. 1872: 140, pl. 28, fig. 2.
Figd spec. 59169, 59173. Woodward, H. 1872: 140, pl. 28, figs 1, 3. Silurian, Ludlow Series; Lesmahagow, Strathclyde, Scotland.

Hughmilleria (Nanahughmilleria) pygmaea (Salter)
Figd spec. 43775. Kjellesvig-Waering, E.N. 1961: 801, text-fig. 1, 1-3. Silurian, Downton Sandstone; Bradnor Hill, Kington, Hereford & Worcester.

Hughmilleria (Nanahughmilleria) pygmaea (Salter)
Figd spec. In. 44560. Kjellesvig-Waering, E.N. 1961: 801, text-fig. 2, 27. Silurian, Downtonian, Temeside Shales; Railway Cutting, Ludlow, Salop.

Impulsor neglectus Petrunkevitch
Holotype In. 18122. Petrunkevitch, A. 1942: 313, figs 422-426, 605.
Dubinin, V.B. 1962: 503, fig. 1463. Eocene, Baltic Amber; East Prussia.

Insecutor aculeatus Petrunkevitch
Holotype In. 18741. Petrunkevitch, A. 1942: 239, figs 186-192, 560.
Petrunkevitch, A. 1955: 140, fig. 104, 6.
Paratype In. 18723. Petrunkevitch, A. 1942: 239, figs 246, 247, 251, 564. Eocene, Baltic Amber; East Prussia.

Insecutor mandibulatus Petrunkevitch
Holotype In. 18742. Petrunkevitch, A. 1942: 244, figs 238-245, 599.
Dubinin, V.B. 1962: 507, fig. 1483.
Paratypes In. 18721, In. 18725, In. 17574, In. 17563.
Petrunkevitch, A. 1942: 244, figs 248-250, 559, 563.
Eocene, Baltic Amber; East Prussia.

Insecutor rufus Petrunkevitch
Holotype In. 18123. Petrunkevitch, A. 1942: 248, figs 372-378, 600.
Dubinin, V.B. 1962: 507, fig. 1482. Eocene, Baltic Amber; East Prussia.

Insecutoridae
Figd spec. In. 64400. Kirchner, G. 1950: 70, pl. 2 (middle specimen). Eocene, Baltic Amber; East Prussia.

Isobuthus rakovnicensis (Fritsch)
Syntype I. 2950. Fritsch, A. 1904: 74, pl. 12, figs 1-3, text-fig. 91.
Petrunkevitch, A. 1953: 20, figs 19, 123.
Petrunkevitch, A. 1955: 78, fig. 46. Carboniferous; Chomle near Rakovnice, Czechoslovakia.

Kampecaris tuberculata Brade-Birks
Holotype In. 23803. Brade-Birks, S.G. 1923: 279, pl. 33, text-fig. Devonian, Old Red Sandstone; Strathclyde, Scotland.

Lanarkopterus dolichoschelus (Størmer)
Figd spec. In. 59341. Ritchie, A. 1968 : 319, fig.1.1. Upper Silurian; Smithy Burn, Hagshaw Hills, Strathclyde.

Leaia baentschiana Beyrich
Paralectotypes I. 3089 a, b. Goldenberg, F. 1867: 24.
Goldenberg, F. 1877: 46, pl. 2, fig. 24.
Guthörl, P. 1934: 17. Upper Carboniferous, Stephanian, Ottweiler Beds; near Saarbrücken, Germany.

Leaia cymruensis Raymond
Holotype In. 61539. Jones, T.R. 1870: 219, pl. 9, fig. 12.
Raymond, P.E. 1946: 284. Carboniferous, Coal Measures; Cilfach-Bargoes Colliery, 2.5 km south-west of Bedwellty, Mid Glamorgan, Wales.

Leaia klieveri Goldenberg
Paralectotype I. 3093a. Goldenberg, F. 1867: 24.
Goldenberg, F. 1873: 24, pl. 1, fig. 22.
Guthörl, P. 1934: 19.
Lectotype I. 3088a. Goldenberg, F. 1867: 24.
Goldenberg, F. 1877: 46, pl. 2, fig. 20.
Guthörl, P. 1934: 19, pl. 2, fig. 6.
Paralectotype In. 28842. Goldenberg, F. 1867: 24.
Goldenberg, F. 1877: 46, pl. 2, fig. 21.
Guthörl, P. 1934: 19. Upper Carboniferous, Stephanian, Ottweiler Beds; near Saarbrücken, Germany.

Leaia kliveriana Goldenberg
See *Leaia klieveri* Goldenberg.

Leaia leydyi klieveri Goldenberg
See *Leaia klieveri* Goldenberg.

Leaia paralella Raymond
Syntypes In. 48906. Jones, T.R. 1870: 219, pl. 9, figs 13, 14.
Raymond, P.E. 1946: 284. Carboniferous, Coal Measures; Gilfach-Bargoed Colliery, 2.5 km south-west of Bedwellty, Mid Glamorgan, Wales.

Leaia salteriana (Jones)
Syntype In. 48909. Jones, T.R. 1863: 119. Lower Carboniferous; Cottage Row, Crail, Fifeshire.
Pruvost (1914: 263, pl. 2, fig. 1) incorrectly chose a neotype from topotype material not from the syntypes.

Leaia subquadrata Raymond
Holotype In. 61538. Jones, T.R. 1870: 217, pl. 9, fig. 11.
Jones, T.R. 1884: 362, pl. 12, fig. 13.
Raymond, P.E. 1946: 383. Carboniferous, Coal Measures; Gilfach-Bargoed Colliery, 2.5 km south-west of Bedwellty, Mid Glamorgan, Wales.

Leaia williamsoniana (Jones)
Syntype In. 48903. Jones, T.R. 1863: 117, pl. 1, fig. 19.
Syntype In. 48910. Jones, T.R. 1863: 117, pl. 1, fig. 20. Carboniferous, Upper Coal Measures; Ardwick near Manchester, Greater Manchester.

Lepidocaris rhyniensis Scourfield
Holotype In. 24493. Scourfield, D.J. 1926: 184, pl. 21, figs 1-3, text-figs 3, 4, 10, 42.
Paratype In. 23031. Scourfield, D.J. 1926: 169, fig. 22.
Paratype In. 23034. Scourfield, D.J. 1926: 173, figs 32, 33.
Paratype In. 24657. Scourfield, D.J. 1926: 180, figs 46, 47.
Paratype In. 25688. Scourfield, D.J. 1926: 157, fig. 1.
Paratype In. 25689. Scourfield, D.J. 1926: 157, fig. 2.
Paratype In. 25690. Scourfield, D.J. 1926: 159, fig. 5.
Paratype In. 25691. Scourfield, D.J. 1926: 159, fig. 6.
Paratype In. 25692. Scourfield, D.J. 1926: 160, figs 7, 35a, b.
Paratype In. 25693. Scourfield, D.J. 1926: 160, fig. 8.
Paratype In. 25694. Scourfield, D.J. 1926: 162, figs 9, 17, 27.
Paratype In. 25695. Scourfield, D.J. 1926: 163, fig. 11.
Paratype In. 25696. Scourfield, D.J. 1926: 163, figs 12, 24, 25.
Paratype In. 25697. Scourfield, D.J. 1926: 164, fig. 14.
Paratype In. 25698. Scourfield, D.J. 1926: 165, figs 15, 20.
Paratype In. 25699. Scourfield, D.J. 1926: 165, fig. 16.
Paratype In. 25700. Scourfield, D.J. 1926: 167, fig. 18.
Paratype In. 25701. Scourfield, D.J. 1926: 169, fig. 21.
Paratype In. 25702. Scourfield, D.J. 1926: 169, fig. 23.
Paratype In. 25703. Scourfield, D.J. 1926: 171, fig. 26.
Paratype In. 25704. Scourfield, D.J. 1926: 172, fig. 28.
Paratype In. 25705. Scourfield, D.J. 1926: 172, fig. 29.
Paratype In. 25706. Scourfield, D.J. 1926: 172, fig. 30.
Paratype In. 25707. Scourfield, D.J. 1926: 173, fig. 31.
Paratype In. 25708. Scourfield, D.J. 1926: 174, fig. 34.
Paratype In. 25709. Scourfield, D.J. 1926: 175, fig. 35c.
Paratype In. 25710. Scourfield, D.J. 1926: 176, fig. 36.
Paratype In. 25711. Scourfield, D.J. 1926: 176, fig. 37.
Paratype In. 25712. Scourfield, D.J. 1926: 177, fig. 39.
Paratype In. 25713. Scourfield, D.J. 1926: 178, fig. 41.
Paratype In. 25714. Scourfield, D.J. 1926: 179, fig. 44.
Paratype In. 25715. Scourfield, D.J. 1926: 179, fig. 45.
Paratype In. 25716. Scourfield, D.J. 1926: 181, figs 48, 49.
Paratype In. 25717. Scourfield, D.J. 1926: 181, fig. 50.
Paratype In. 25718. Scourfield, D.J. 1926: 181, fig. 51.
Paratype In. 25719. Scourfield, D.J. 1926: 159, pl. 21, fig. 4, text-fig. 5.
Paratype In. 25721. Scourfield, D.J. 1926: 164, fig. 13A, B.
Paratype In. 25720. Scourfield, D.J. 1926: 162, fig. 9.
Paratype In. 25722. Scourfield, D.J. 1926: 164, fig. 13C.
Paratype In. 25723. Scourfield, D.J. 1926: 177, fig. 38.
Paratype In. 25724. Scourfield, D.J. 1926: 178, fig. 40.
Paratype In. 25725. Scourfield, D.J. 1926: pl. 21, fig. 5.
Paratype In. 25726. Scourfield, D.J. 1926: 168, pl. 21, fig. 6, text-fig. 19.
Paratype In. 25727. Scourfield, D.J. 1926: 179, fig. 43.
Figd spec. In. 38486. Scourfield, D.J. 1940: 290, fig. 1.
Figd spec. In. 38487. Scourfield, D.J. 1940: 290, figs 2, 3. Middle Devonian; Rhynie Chert; Rhynie, Grampian, Scotland.

Leptotarbus torpedo (Pocock)
Holotype In. 31242. Pocock, R.I. 1911: 54, pl. 3, figs 1, 1a, text-figs 26, 27.
Petrunkevitch, A. 1953: 55, figs 54, 55, 57, 138.
Petrunkevitch, A. 1955: 91, fig. 59, 3.
Dubinin, V.B. 1962: 479, figs 1373 A, B. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Lichnophthalmus pulcher Petrunkevitch
Holotype In. 39772. Petrunkevitch, A. 1949: 147, figs 139, 177.
Petrunkevitch, A. 1955: 74, fig. 43, 7.
Dubinin, V.B. 1962: 431, fig. 1238.
Figd spec. In. 39770. Wills, L.J. 1959: 269, pl. 49, figs 1-9, pl. 50, figs 1-15, text-figs 2-8. Upper Carboniferous, Middle Coal Measures, Upper *Anthraconaia modiolaris* Zone; Phoenix Brickworks, Crawcrook near Ryton-on-Tyne, Tyne & Wear.

Lichnoscorpius minutus Petrunkevitch
See *Anthracoscorpio minutus* (Petrunkevitch).

Limnestheria ardra Wright
Paratype In. 21096. Wright, M.C. 1920: 200, pl. 24, figs 2, a, b.
Paratype In. 21097. Wright, M.C. 1920: 201, pl. 25, fig. 3.
Paratype In. 21098. Wright, M.C. 1920: 201, pl. 25, fig. 4, text-fig. 2B.
Paratype In. 21100. Wright, M.C. 1920: 201, pl. 25, fig. 6, text-fig. 1B.
Paratypes In. 21099, In. 21101, In. 21102. Wright, M.C. 1920: 201. Upper Carboniferous, Coal Measures; Ardra, Kilkenny, Eire.

Limnochares antiquus Heyden
Syntypes 58832-34. Heyden, C. von. 1862: 63, pl. 10, figs 27-29. Miocene, Braunkohle; Rott im Siebengebirge, Germany.

Limuloides horridus (Woodward)
See *Bunodes horridus* (Woodward).

Limuloides limuloides (Woodward)
Figd spec. In. 60018. Woodward, H. 1872: 174, pl. 30, fig. 2. Silurian, Lower Ludlow Series; Leintwardine, Salop.

Limuloides limuloides (Woodward)
Figd spec. In. 48422. La Touche, J.D. 1884: pl. 17, fig. 569. Silurian, Lower Ludlow Series; Church Hill, Leintwardine, Salop.

Limuloides salweyi (Woodward)
See *Bunodes salweyi* (Woodward).

Limuloides speratus (Woodward)
Syntypes 39408, In. 61511. Woodward, H. 1872: 178, pl. 30, figs 5, 7. Silurian, Lower Ludlow Series; Leintwardine, Salop.

Liticen setosus Petrunkevitch
Holotype In. 18118. Petrunkevitch, A. 1942: 309, figs 329-332, 427, 428, 603.
Dubinin, V.B. 1962: 503, fig. 1461. Eocene, Baltic Amber; East Prussia.

Malleator niger Petrunkevitch
Holotype In. 18944. Petrunkevitch, A. 1942: 300, figs 83-85, 554.
Dubinin, V.B. 1962: 503, fig. 1457. Eocene, Baltic Amber; East Prussia.

Massula klebsi Petrunkevitch
Holotype In. 18746. Petrunkevitch, A. 1942: 387, figs 140-147, 580.
Paratype In. 18720. Petrunkevitch, A. 1942: 387, fig. 576. Eocene, Baltic Amber; East Prussia.

Mazonia wardingleyi Woodward
See *Alloscorpius wardingleyi* (Woodward).

Medela baltica Petrunkevitch
Holotype In. 18139 A. Petrunkevitch, A. 1942: 381, figs 386-391, 611.
Dubinin, V.B. 1962: 509, fig. 1511. Eocene, Baltic Amber; East Prussia.

Meditrina circumvallata Petrunkevitch
Holotype In. 18159. Petrunkevitch, A. 1942: 304, figs 354-359, 574.
Dubinin, V.B. 1962: 503, fig. 1459. Eocene, Baltic Amber; East Prussia.

Memoratrix rydei Petrunkevitch
Holotype In. 27369. Petrunkevitch, A. 1942: 337, figs 212-218, 589.
Dubinin, V.B. 1962: 505, fig. 1470. Eocene, Baltic Amber; East Prussia.

Mesolimulus syriacus (Woodward)
Holotype 59783. Woodward, H. 1879a: 554, pl. 26, fig. 6.
Novozhilov, N. 1962: 401, fig. 1187. Cretaceous, Cenomanian; Hakel, Lebanon.

Mesotarbus angustus (Pocock)
Holotype In. 31258. Pocock, R.I. 1911: 55.
Petrunkevitch, A. 1953: 53, figs 58, 141.
Petrunkevitch, A. 1955: 91, fig. 58, 2. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Mesotarbus eggintoni (Pocock)
Holotype In. 31235. Pocock, R.I. 1911: 53, figs 24, 25.
Petrunkevitch, A. 1953: 54, figs 56, 140.
Petrunkevitch, A. 1955: 91, fig. 59, 5. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Mesotarbus hindi (Pocock)
Holotype In. 22839. Pocock, R.I. 1911: 51, figs 21, 22.
Petrunkevitch, A. 1953: 53, figs 52, 139.
Petrunkevitch, A. 1955: 91, fig. 58, 3. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Mesotarbus intermedius Petrunkevitch
Holotype In. 18506. Petrunkevitch, A. 1949: 167, figs 134, 135, 242.
Petrunkevitch, A. 1955: 91, figs 55, 2; 59, 2.
Paratype In. 18344. Petrunkevitch, A. 1949: 168. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Miropholcus heteropus Petrunkevitch
Holotype In. 18139. Petrunkevitch, A. 1942: 197, figs 300-307.
Petrunkevitch, A. 1955: 139, fig. 101, 1. Eocene, Baltic Amber; East Prussia.

Misumena samlandica Petrunkevitch
Holotype In. 18120. Petrunkevitch, A. 1942: 375, figs 379, 615.
Dubinin, V.B. 1962: 509, fig. 1504. Eocene, Baltic Amber; East Prussia.

Mixopterus dolichoschelus Størmer
See *Lanarkopterus dolichoschelus* (Størmer).

Municeps pulcher Petrunkevitch
Holotype In. 17660. Petrunkevitch, A. 1942: 282, figs 73-75, 540.
Dubinin, V.B. 1962: 503, fig. 1445. Eocene, Baltic Amber; East Prussia.

Myro fossilis Petrunkevitch
Holotype In. 18115. Petrunkevitch, A. 1942: 232, figs 360-367, 584. Eocene, Baltic Amber; East Prussia.

Myro hirsutus Petrunkevitch
Holotype In. 18907. Petrunkevitch, A. 1942: 231, figs 308-311, 601.
Dubinin, V.B. 1962: 505, fig. 1475. Eocene, Baltic Amber; East Prussia.

Mystagogus glaber Petrunkevitch
Holotype In. 18125. Petrunkevitch, A. 1942: 312, figs 347-350, 446, 593.
Dubinin, V.B. 1962: 505, fig. 1462. Eocene, Baltic Amber; East Prussia.

Neolimulus falcatus Woodward
Holotype In. 44122. Woodward, H. 1868: 1, pl. 1, fig. 1.
Woodward, H. 1878: 233, pl. 31, fig. 8.
Størmer, L. 1952: 633, text-figs 2a, b.
Novozhilov, N. 1962: 397, fig. 1172.
Bergström, J. 1975: 293, pl. 1, fig. 2. Upper Silurian; Lesmahagow, Strathclyde, Scotland.

? Neolimulus falcatus (Woodward)
Figd spec. I. 14724 (cast only, original destroyed in a fire that burned down the Dunfermline Museum).
Bergström, J. 1975: 306, pl. 1, fig. 3. Upper Silurian; Dunside, Logan Water, Lesmahagow, Strathclyde, Scotland.

Nyasestheriella nyasana (Newton)
Syntype I. 13572. Newton, R.B. 1910: 244, pl. 19, figs 15, 16, 18.
Kobayashi, T. 1954: 138.
Syntype I. 13573. Newton, R.B. 1910: 244, pl. 19, fig. 17.
Kobayashi, T. 1954: 138.
Syntypes I. 13574-76. Newton, R.B. 1910: 244.
Kobayashi, T. 1954: 138. Permo-Carboniferous, Karroo Beds; Nkana, Malawi.
Kobayashi 1954: 138 in erecting the genus *Nyasestheriella* type species *Esteriella nyasana* refers to the monotype. However Newton (1910: 245) says 'the specimens are very numerous.'

Obnisus tenuipes Petrunkevitch
Holotype In. 18116. Petrunkevitch, A. 1942: 307, figs 273-278, 592.

Petrunkevitch, A. 1955: 144, fig. 106, 2.
Dubinin, V.B. 1962: 503, fig. 1460. Eocene, Baltic Amber; East Prussia.

Ocypete decumana Koch & Berendt
See *Adulatrix decumana* (Koch & Berendt).

Ocypete triguttata Koch & Berendt
See *Ablator triguttatus* (Koch & Berendt).

Orchestina baltica Petrunkevitch
Holotype In. 18138. Petrunkevitch, A. 1942: 444, figs 55, 56, 234, 548.
Petrunkevitch, A. 1955: 152, fig. 109, 3b.
Dubinin, V.B. 1962: 498, fig. 1427 B.
Paratypes In. 18714, In. 18947, In. 29124 A, B, C, In. 29132A. Petrunkevitch, A. 1942: 444, figs 52-54, 233, 235-237, 547, 549, 550.
Petrunkevitch, A. 1955: 152, figs 109, 3a, 3c.
Dubinin, V.B. 1962: 498; fig. 1427, A, B. Eocene, Baltic Amber; East Prussia.

Palaeocharinoides hornei Hirst
Holotype In. 24671. Hirst, S. 1923: 460, pl. 12, text-fig. 3.
Petrunkevitch, A. 1949: 237, figs 118, 119.
Petrunkevitch, A. 1955: 108, fig. 70, 1.
Dubinin, V.B. 1962: 486, fig. 1383. Devonian, Rhynie Chert; Rhynie, Grampian, Scotland.

Palaeocharinus calmani Hirst
Holotype In. 24675. Hirst, S. 1923: 466, pl. 15, figs a-c. Devonian, Rhynie Chert; Rhynie, Grampian, Scotland.

Palaeocharinus kidstoni Hirst
Holotype In. 24701. Hirst, S. 1923: 467, text-fig. 7. Devonian, Rhynie Chert; Rhynie, Grampian, Scotland.

Palaeocharinus rhyniensis Hirst
Holotype In. 24673. Hirst, S. 1923: 463, pl. 14.
Dubinin, V.B. 1962: 486, fig. 1385. Devonian, Rhynie Chert; Rhynie, Grampian, Scotland.

Palaeocharinus scourfieldi Hirst
Holotype In. 24672. Hirst, S. 1923: 463, pl. 13, figs a-d. Devonian, Rhynie Chert; Rhynie, Grampian, Scotland.

Palaeocharinus sp.
Figd spec. In. 24674. Hirst, S. 1923: 464, text-figs 4, 5.
Petrunkevitch, A. 1955: 109, fig. 70, 2.
Dubinin, V.B. 1962: 486, fig. 1384. Devonian, Rhynie Chert; Rhynie, Grampian, Scotland.

Palaeocharinus sp.
Figd specs In. 24660, In. 24663-64, In. 24677, In. 24679-85, In. 24702, In. 27755-56, In. 27759.
Hirst, S. 1923: 466, pl. 15, figs 9 d-e, text-fig. 6, 8-13a.
Petrunkevitch, A. 1953: 71, figs 72-76. Devonian, Rhynie Chert; Rhynie, Grampian, Scotland.

Palaeocharinus sp.
Figd spec. In. 27752. Hirst, S. & Maulik, S. 1926: 69, pl. 6. Devonian, Rhynie Chert; Rhynie, Grampian, Scotland.

Palaeocteniza crassipes Hirst
Holotype In. 24670. Hirst, S. 1923: 459, pl. 11, fig. c. Devonian, Rhynie Chert; Rhynie, Grampian, Scotland.

Palaeolimnadiopsis jonesi Raymond
Holotype In. 18508 (formerly Geol. Surv. Edinburgh Mus. B. 1374 E). Jones, T.R. 1878: 101, pl. 3, fig. 2.
Raymond, P.E. 1946: 272. Devonian; east of Belhaven Bay near Dunbar, Lothian, Scotland.

Palaeomachus anglicus (Woodward)
Lectotype I. 994a. Woodward, H. 1876: 58, pl. 8, fig. 3.
Pocock, R.I. 1911: 16, text-fig. 2.
Bather, F.A. 1911: 673, fig.
Petrunkevitch, A. 1953: 38, fig. 132.
Dubinin, V.B. 1962: 431, figs 1259, V.G.
Paralectotype I. 994b. Woodward, H. 1876: pl. 8, fig. 2.
Pocock, R.I. 1911: fig. 2b.
Dubinin, V.B. 1962: 431, fig. 1259 A. Upper Carboniferous, Coal Measures; Skegby New Colliery, near Mansfield, Nottinghamshire.

Palaeomachus anglicus (Woodward)
Paralectotype I. 5432. Woodward, H. 1876: 58, pl. 8, fig. 1.
Pocock, R.I. 1911: 16, fig. 2c.
Dubinin, V.B. 1962: 431, fig. 1259B. Upper Carboniferous, Coal Measures; Sandwell Park Colliery, Birmingham.

Palaeomachus sp.
See *Europhthalmus* cf. *longimana* Petrunkevitch.

Palaeotydeus devonicus Dubinin
Holotype In. 24666. Hirst, S. 1923: 459, text-fig. 1.
Dubinin, V.B. 1962: 466, fig. 1346.
Kevan, P.G., Chaloner, W.G. and Savile, D.B.O. 1973: 393, text-fig. 1B. Devonian, Rhynie Chert; Rhynie, Grampian, Scotland.

Paracarcinosoma obesa (Woodward)
Holotype In. 59780. Woodward, H. 1868*a*: 293, pl. 9, fig. 1.
Woodward, H. 1872: 160, pl. 30, fig. 8, text-fig. 52. Silurian, Ludlow Series; Lesmahagow, Strathclyde, Scotland.

Parahughmilleria salteri Kjellesvig-Waering
Paratype In. 43795. Salter, J.W. 1859*a*: 232, pl. 10, fig. 7 (as *Eurypterus pygmaeus* Salter).
Kjellesvig-Waering, E.N. 1961: 808. Silurian, Upper Ludlow Series (Bone Bed); Ludford Lane, Ludford, Salop.

Parahughmilleria salteri Kjellesvig-Waering
Paratype In. 43797. Salter, J.W. 1859*a*: 232, pl. 10, fig. 5 (as *Eurypterus pygmaeus* Salter).
Woodward, H. 1872: 144, pl. 28, fig. 6.
Kjellesvig-Waering, E.N. 1961: 808. Silurian, Downtonian, Temeside Shales; Railway Cutting, Ludlow, Salop.

Parahughmilleria salteri Kjellesvig-Waering
Paratype In. 43776. Kjellesvig-Waering, E.N. 1961: 807, pl. 95, fig. 1, text-fig. 6. Silurian, Downton Sandstone; Bradnor Hill, Kington, Hereford & Worcester.

Parahughmilleria salteri Kjellesvig-Waering
Paratype In. 44561. Kjellesvig-Waering, E.N. 1961: 807, pl. 95, fig. 3. Silurian, Downtonian, Temeside Shales; Railway Cutting, Ludlow, Salop.

Parahughmilleria salteri Kjellesvig-Waering
Paratype I. 1403. Kjellesvig-Waering, E.N. 1961: 807. Silurian, Downton Sandstone; Kington, Hereford & Worcester.

Parahughmilleria salteri Kjellesvig-Waering
Paratypes In. 44559, In. 44562. Kjellesvig-Waering, E.N. 1961: 807. Silurian, Downtonian, Temeside Shales; Railway Cutting, Ludlow, Salop.

Parahughmilleria salteri Kjellesvig-Waering
Paratype In. 44573. Kjellesvig-Waering, E.N. 1961: 807, pl. 95, fig. 2. Silurian, Downton Sandstone; Ludford Lane, Ludford, Salop.

Paraprotacarus hirsti Dubinin
Syntypes In. 24667-68. Hirst, S. 1923: 459, text-fig. 2, 1a.
Dubinin, V.B. 1962: 466, fig. 1347, 1346A.
Kevan, P.G., Chaloner, W.G. and Savile, D.B.O. 1975: 393, text-fig. 1A. Devonian, Rhynie Chert; Rhynie, Grampian, Scotland.
Dubinin obviously intended that In. 24667 should be the type, but unfortunately he did not say so.

Parastylonurus sigmoidalis Kjellesvig-Waering
Holotype In. 37710. Kjellesvig-Waering, E.N. 1971: 538, text-figs 1, 2. Silurian, Downton Sandstone; Norton, Salop.

Parka decipiens Fleming now considered to be a plant.

Phidippus frenatus Koch & Berendt
See *Gorgopsina frenata* (Koch & Berendt).

Plesiosiro madeleyi Pocock
Holotype I. 7922. Pocock, R.I. 1911: 44.
Petrunkevitch, A. 1949: 187, figs 94-103, 229, 230, 232, 236, 237.
Petrunkevitch, A. 1955: 100, fig. 65.
Paratype I. 7923. Pocock, R.I. 1911: 44.
Petrunkevitch, A. 1949: 187, fig. 235.
Paratype In. 18341. Pocock, R.I. 1911: 44.
Petrunkevitch, A. 1949: 98, figs 231, 234.
Paratypes In. 22835, In. 22837. Pocock, R.I. 1911, 44.
Paratype In. 31236. Pocock, R.I. 1911: 44, pl. 2, fig. 5. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Poliochera
See *Polyochera.*

Pollicipes ? nitidum Collins
Holotype In. 61362. Collins, J.S.H. 1974: 378, pl. 11, figs 1a, b. Cretaceous, Upper Albian, *H. orbignyi* subzone; Ford Place, Wrotham, Kent.

Pollicipes ? nitidum Collins
Paratype In. 61363. Collins, J.S.H. 1974: 378, pl. 11, fig. 4. Cretaceous, Upper Albian, *H. orbignyi* subzone; Naccolt, Kent.

Pollicipes ? nitidum Collins
Paratype In. 61364. Collins, J.S.H. 1974: 378, pl. 11, figs 2a, b.
Paratype In. 61365. Collins, J.S.H. 1974: 378, pl. 11, fig. 3. Cretaceous, Upper Albian, *H. orbignyi* subzone; Reservoir Pit, Ford Place, Wrotham, Kent.

Polyochera alticeps Pocock
Holotype In. 31238. Pocock,R.I. 1911: 40, pl. 2, fig. 6, text-fig. 14.
Petrunkevitch, A. 1953: 113, figs 114, 177.
Petrunkevitch, A. 1955: 159, fig. 115, 6.
Dubinin, V.B. 1962: 444, fig. 1284. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Polyxenus burmiticus Cockerell
Holotype In. 19122. Cockerell, T.D.A. 1917: 40, fig. 1. Pleistocene amber; Hukong Valley, Burma.

Praearcturus gigas Woodward
Lectotype I. 534. Woodward, H. 1871: 266, fossil sketches 9, 11, fig. 1.
Andrée, K. 1910: 89, fig. 2.
Rolfe, W.D.I. 1969*a*: 622, fig. 395, 1a, b.
Paralectotypes In. 60442, In. 60443, In. 60445.
Woodward, H. 1871: 266, fossil sketch 11.
Andrée, K. 1910: 89, text-fig. 3.
Rolfe, W.D.I. 1969*a*: 622, fig. 395, 1c, d.
Unfigd paralectotypes I. 535, In. 60444. Woodward, H. 1871: 266.
Rolfe, W.D.I. 1969*a*: 622. Devonian, Dittonian (I_9): Rowlestone, Hereford & Worcester.

Prestwichia
See *Euproops.*

Prestwichianella
See *Euproops.*

Prolimulus woodwardi Fritsch
Syntype In. 18588. Fritsch, A. 1899: 57. Permian, Gaskohle; Nyřan, Bohemia.

Protacarus crani Hirst
Holotype In. 24665. Hirst, S. 1923: 456, pl. 11, fig. b.
Petrunkevitch, A. 1955: 97, fig. 63, 1.
Dubinin, V.B. 1962: 464, fig. 1341. Devonian, Rhynie Chert; Rhynie, Grampian, Scotland.

Protacarus crani Hirst
See *Palaeotydeus devonicus* Dubinin, *Paraprotacarus hirsti* Dubinin, *Pseudoprotocarus scoticus* Dubinin, or *Protospeleorchestes pseudoprotacarus* Dubinin.

Prothelyphonus britannicus (Pocock)
Holotype In. 31267. Pocock, R.I. 1911: 29, pl. 1, fig. 3.
Petrunkevitch, A. 1953: 97, figs 97, 98, 178.
Petrunkevitch, A. 1955: 120, fig. 85, 5.
Dubinin, V.B. 1962: 436, fig. 1263.
Paratype I. 7912. Pocock, R.I. 1911: 29, fig. 9.
Paratype In. 31265. Pocock, R.I. 1911: 29. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Protocteniza britannica Petrunkevitch
Holotype I. 14015. Petrunkevitch, A. 1949: 277, figs 158, 262.
Petrunkevitch, A. 1955: 134, fig. 99, 4.
Dubinin, V.B. 1962: 495, fig. 1418.
Figd spec. In. 22834. Pocock, R.I. 1911: 34, text-fig. 10.
Petrunkevitch, A. 1953: 104, fig. 191. Upper Carboniferous, Coal Measures; Coseley, West Midlands.
Petrunkevitch (1953 : 104) mistakenly stated that In. 22834 was the holotype.

Protospeleorchestes pseudoprotacarus Dubinin
Holotype In. 24669. Hirst, S. 1923: 459, text-fig. 1b.
Dubinin, V.B. 1962: 462, fig. 1340. Devonian, Rhynie Chert; Rhynie, Grampian, Scotland.

Pseudokreischeria pococki (Gill)
Holotype In. 41509. Gill, E.L. 1924: 459, text-fig. 2.
Petrunkevitch, A. 1953: 81, figs 91, 92.
Petrunkevitch, A. 1955: 110, fig. 75, 1. Upper Carboniferous, Coal Measures; Phoenix Brickworks, Crawcrook, Ryton-on-Tyne, Tyne & Wear.

Pseudokreischeria varia (Petrunkevitch)
Holotype In. 37967. Petrunkevitch, A. 1949: 247, figs 110, 258.
Petrunkevitch, A. 1955: 110, fig. 75, 2. Upper Carboniferous, Coal Measures; Phoenix Brickworks, Crawcrook, Ryton-on-Tyne, Tyne & Wear.

Cf. Pseudoniscus aculeatus Nieszkowski
See ? *Neolimulus falcatus* Woodward.

Pseudoprotacarus scoticus Dubinin
Holotype was unfortunately lost by Hirst before registration into the BM(NH) collections.
Hirst, S. 1923: 456, pl. 11, fig. a.
Dubinin, V.B. 1962: 465, fig. 1343. Devonian, Rhynie Chert; Rhynie, Grampian, Scotland.

Pterygotus anglicus Agassiz
See *Pterygotus (Curviramus) anglicus* (Agassiz).

Pterygotus banksii Salter
See *Erettopterus (Erettopterus) spatulatus* Kjellesvig-Waering.

Pterygotus problematicus *(pars)* Agassiz
See *Erettopterus (Truncatiramus) gigas* (Salter).

Pterygotus punctatus Salter
See *Carcinosoma punctatum* (Salter) also *Carcinosoma harleyi* Kjellesvig-Waering and *Erettopterus (Erettopterus) marstoni* Kjellesvig-Waering.

Pterygotus raniceps Woodward
See *Carcinosoma scorpioides* (Woodward).

'Pterygotus' sp.
Figd spec. In. 61507. Salter, J.W. 1863: 78, fig. 5 (as *Eurypterus* sp.). Carboniferous, Coal Measures; Port Hood, Nova Scotia, Canada.

Pterygotus sp.
Figd spec. 58878c. Woodward, H. 1888: 148, fig. 7 (as *Ceratiocaris* sp.). Upper Silurian; Lesmahagow, Strathclyde, Scotland.

Pterygotus sp.
Figd spec. I. 1000. Waterston, C.D. 1964: 22, pl. 4, fig. 2. Silurian, Wenlock Series; Parkes Hall, Dudley, West Midlands.

Pterygotus? sp.
Figd spec. 59650. Waterston, C.D. 1964: 21, pl. 4, fig. 3. Middle Silurian; Logan Water, Lesmahagow, Strathclyde, Scotland.

Pterygotus (Curviramus) anglicus (Agassiz)
Figd spec. 59543. Salter, J.W. 1859: 67, pl. 3, fig. 5.
Figd specs 46327-29, 59657. Woodward, H. 1866: 33, pl. 2, fig. 2, pl. 3, fig. 1, pl. 4, pl. 7, fig. 4.
Figd spec. I. 12035. Waterston, C.D. 1964: 19, pl. 3, fig. 6, pl. 4, figs 1, 4. Devonian, Old Red Sandstone; Carmyllie Quarries, near Arbroath, Tayside, Scotland.
The genotype *P. problematicus* should be restricted to the sub-genus *Pterygotus* and *P. anglicus* included in the sub-genus *Curviramus* Ruedemann 1935 (type species *Pterygotus cobbi* Hall).

Pterygotus (Curviramus) anglicus (Agassiz)
Figd spec. In. 37097. Kjellesvig-Waering, E.N. 1964: 346, pl. 54, fig. 5. Devonian, Old Red Sandstone; Balruddery, 6 miles N.W. of Dundee, Tayside, Scotland.

Pterygotus (Curviramus) arcuatus Salter
Syntype In. 43787. Salter, J.W. 1859: 95, pl. 11, fig. 10.
Woodward, H. 1872: 89, text-fig. 21.
Syntypes 39388, 39395. Salter, J.W. 1859: 95, pl. 11, fig. 11, pl. 13, fig. 15. Silurian, Lower Ludlow Series; Church Hill, Leintwardine, Salop.

Pterygotus (Curviramus) lanarkensis Kjellesvig-Waering
Holotype In. 53890. Woodward, H. 1869: 64, pl. 11, fig. 3.
Kjellesvig-Waering, E.N. 1964: 348, pl. 54, fig. 1, text-fig. 14. Upper Silurian; Lesmahagow, Strathclyde, Scotland.

Pterygotus (Curviramus) lightbodyi Kjellesvig-Waering
Paratype In. 43807. Salter, J.W. 1859: 101, pl. 12, fig. 9.
Baily, W.H. 1875: pl. 27, fig. 3a.
Kjellesvig-Waering, E.N. 1961: 816. Silurian, Upper Ludlow Series; Ludlow, Salop.

Pterygotus (Curviramus) lightbodyi Kjellesvig-Waering
Paratypes In. 43777, In. 48421. Kjellesvig-Waering, E.N. 1961: 816, text-fig. 2, 23. Silurian, Upper Ludlow Series; Batchcote Common, Salop.

Pterygotus (Curviramus) lightbodyi Kjellesvig-Waering
Paratype In. 48392. Kjellesvig-Waering, E.N. 1961: 816, text-fig. 2, 31. Silurian, Upper Ludlow Series; Whitcliffe, Salop.

Pterygotus (Curviramus) lightbodyi ? Kjellesvig-Waering
Figd spec. In. 48395. Waterston, C.D. 1964: 22, pl. 4, fig. 6. Silurian, Upper Ludlow Series; Whitcliffe, Salop.

Pterygotus (Curviramus) ludensis Salter
Paralectotype I. 12886. Salter, J.W. 1859: 79, pl. 14, fig. 7. Upper Silurian, Tansition Beds; Railway Station, Ludlow, Salop.

Pterygotus (Curviramus) ludensis? Salter
Figd spec. In. 44577. Waterston, C.D. 1964: 22, pl. 4, fig. 8. Silurian, Downtonian, Temeside Shales; Railway Cutting, Ludlow, Salop.

Pterygotus (Curviramus) ludensis? Salter
Figd spec. In. 48391. Salter, J.W. 1859: 90, pl. 14, fig. 18 (as *Pterygotus problematicus*?). Silurian, Upper Ludlow Series; Whitcliffe, Salop.

Pterygotus (Curviramus) ludensis? Salter
Figd spec. In. 43800 (syntype of *Pterygotus ludensis*). Salter, J.W. 1859: 81, pl. 12, fig. 4.
Woodward, H. 1872: 91, text-fig. 27.
Kjellesvig-Waering, E.N. 1961: 819. Silurian, Downtonian, Temeside Shales; Railway Station, Ludlow, Salop.

Pterygotus (Curviramus) ludensis?
Figd spec. 59392 (syntype *P. ludensis*). Salter, J.W. 1859: 81, pl. 12, fig. 5. Silurian, Downtonian; Ludlow Railway Station Cutting, Salop.

Pyrgoma anglica G.B. Sowerby
See *Pyrgomina anglica* (G.B. Sowerby).

Pyrgomina anglica (G.B. Sowerby)
Figd spec. I. 15946. Darwin, C. 1855: 36, pl. 2, fig. 7a.
Figd spec. I. 15947. Darwin, C. 1855: 36, pl. 2, fig. 7b.
Pliocene, Plaisancian, Coralline Crag; Ramsholt, Suffolk.

Pyrgomina anglica (G.B. Sowerby)
Figd spec. In. 25816. Withers, T.H. 1926: 5, pl. 1, figs 1, 2. Pliocene, Plaisancian, Coralline Crag; Sudbourne, Suffolk.

Rhabdostichus exigua (Eichwald)
Figd spec. I. 6834. Jones, T.R. 1862: 38, pl. 1, figs 22-24. Permian; near Kargala, Orenburg, Russia.

Rhabdostichus molesta (Jones)
Holotype I. 6814. Jones, T.R. 1897: 289, pl. 10. fig. 4. Carboniferous, "Bed F, Morro de Arica"; Arica, Dept. of Arequipa, Peru.

Salteropterus (?) longilabium Kjellesvig-Waering
Holotype 39386. Salter, J.W. 1859: 99, pl. 11, fig. 4.
Kjellesvig-Waering, E.N. 1961: 809, pl. 96, fig. 2. Silurian, Ludlow Series; Church Hill, Leintwardine, Salop.

Salticidae
Figd spec. 58514. Samuelson, J. & Crookes, W. 1868: 184, fig. 10. Eocene, Baltic Amber; East Prussia.

Segestria elongata Koch & Berendt
Figd specs In. 18717, In. 18736. Petrunkevitch, A. 1942: 439, figs 124-128, 562, 568. Eocene, Baltic Amber; East Prussia.

Sidneya inexpectans Walcott
Counterpart of syntype (USNM 57487) In. 24120. Walcott, C.D. 1911: 24, pl. 2, fig. 1.
Simonetta, A.M. 1963: 98, pl. 8. Middle Cambrian, Stephen Formation, *Ogygopsis* Shale; west slope of ridge between Mt. Field and Mt. Wapta near Field, B.C., Canada.

Slimonia acuminata (Salter)
Figd spec. 45157. Woodward, H. 1872: 105, pl. 17, fig. 2.
Waterston, C.D. 1960: 248, text-fig. 2D.
Figd specs 44357, 44361, 44445, 45151 (counterpart is 59221) 47990, 59653, In. 61508, In. 61513-61515. Woodward, H. 1872: 105, pls 17-19, text-figs 32, 33, 35. Upper Silurian; Lesmahagow, Strathclyde, Scotland.

Spatiator praeceps Petrunkevitch
Holotype In. 18760. Petrunkevitch, A. 1942: 255, figs 165-176, 569.
Dubinin, V.B. 1962: 501, fig. 1434 V, G.
Paratype In. 18761. Petrunkevitch, A. 1942: 255, figs 177-185, 578.
Petrunkevitch, A. 1955: 140, fig. 104, 5.
Dubinin, V.B. 1962: 501, fig. 1434, A, B, D. Eocene, Baltic Amber; East Prussia.

Stylonurus megalops (Salter)
Lectotype In. 43799. Salter, J.W. 1859*a*: 233, pl. 10, fig. 9.
Woodward, H. 1872: 124, pl. 21, fig. 3.
La Touche, J.D. 1884: 77, pl. 17, fig. 561 (as *Eurypterus symondsii*).
Kjellesvig-Waering, E.N. 1961: 832, pl. 95, fig. 6. Silurian, Downtonian; Railway Cutting, Ludlow, Salop.

Stylonurus powriensis? Page
Figd spec. In. 60026. Woodward, H. 1872: 123, pl. 21, fig. 2. Upper Silurian; Lesmahagow, Strathclyde, Scotland.

Stylonurus sp. Woodward,1872
See *Hughmilleria (Hughmilleria) banksii* (Salter).

Syphax crassipes Petrunkevitch
Holotype In. 18722. Petrunkevitch, A. 1942: 372, figs 252-258, 583.
Petrunkevitch, A. 1955: 147, figs 31, 1; 107, 3. Eocene, Baltic Amber; East Prussia.

Tarsopterella scoticum (Woodward)
Syntype 59675. Woodward, H. 1865: 484, pl. 13, fig. 3.
Woodward, H. 1872: 126, pl. 22. Devonian, Old Red Sandstone; Quarry at Montroman Muir near Forfar, Tayside, Scotland.

Tessarelasma pilsbryi Withers
Holotype In. 33839. Withers, T.H. 1936: 591, pl. 11, fig. 8. Miocene (?Burdigalian), Surma Series; Gobinacherra, 1¼ miles from Mirsarai Station, Assam-Bengal Railway, Bangladesh.

Tessarelasma pilsbryi Withers
Paratype In. 33837b. Withers, T.H. 1936: 591, pl. 11, fig. 6.
Paratype In. 33838b. Withers, T.H. 1936: 591, pl. 11, fig. 7.
Paratype In. 33840. Withers, T.H. 1936: 591, pl. 11, fig. 9.
Paratype In. 33841. Withers, T.H. 1936: 591, pl. 11, fig. 10.
Paratype In. 33843. Withers, T.H. 1936: 591, pl. 11, fig. 11.
Paratypes In. 33842, In. 33844-51. Withers, T.H. 1936: 591. Miocene, (?Burdigalian), Surma Beds; Gobinacherra, Bangladesh.

Textrix lineata Koch & Berendt
See *Captrix lineata* (Koch & Berendt).

Theridiometa edwardsi Petrunkevitch
Holotype In. 18964. Petrunkevitch, A. 1942: 328, figs 103-105, 551.
Paratypes (figd) In. 18121, In. 18768; (unfigd) In. 18126, In. 18140, In. 18142, In. 18148. Petrunkevitch, A. 1942: 328, figs 106, 107, 442-445, 555, 587.
Dubinin, V.B. 1962: 505, fig. 1469 (In. 18121). Eocene, Baltic Amber; East Prussia.

Theridiometa samlandica Petrunkevitch
Holotype In. 18132. Petrunkevitch, A. 1942: 332, figs 351-353, 594.
Paratype In. 17629. Petrunkevitch, A. 1942: 333, figs 338-340, 588. Eocene, Baltic Amber; East Prussia.

?Theridion simplex Koch & Berendt
Figd spec. In. 18135. Petrunkevitch, A. 1942: 266, 439-441. Eocene, Baltic Amber; East Prussia.

Trigonoscorpio? sutcliffei (Woodward)
Holotype In. 18567. Woodward, H. 1876: 545, fig. 4. Petrunkevitch, A. 1953: 31, figs 29, 121. Upper Carboniferous, Middle Coal Measures; Sparth Bottoms, ½ mile south-west of Rochdale Town Hall, Greater Manchester.

Trigonotarbus johnsoni Pocock
Holotype In. 31239. Pocock, R.I. 1911: 74, pl. 3, figs 4, 4a, text-fig. 38.
Petrunkevitch, A. 1953: 89, fig. 165.
Petrunkevitch, A. 1955: 112, fig. 77, 2.
Dubinin, V.B. 1962: 488, fig. 1398.
Paratype I. 15897. Pocock, R.I. 1911: 74.
Petrunkevitch, A. 1949: 252, figs 106, 252-253.
Petrunkevitch, A. 1955: 112, fig. 79, 2.
Paratypes I. 7895, In. 31240-41, In. 31243, In. 31254-55. Pocock, R.I. 1911: 74.
Petrunkevitch, A. 1949: 250, figs 107-109, 250, 251, 254-256. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Typhlopisthacanthus anglicus Petrunkevitch
Holotype In. 31261. Petrunkevitch, A. 1949: 145, figs 143, 182. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Typhloscorpius distinctus Petrunkevitch
Holotype I. 13909. Petrunkevitch, A. 1949: 146, figs 146, 178.
Petrunkevitch, A. 1955: 75, fig. 44, 2.
Dubinin, V.B. 1962: 431, fig. 1237. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Virgiscalpellum gabbi apertus Collins
Holotype In. 64478. Collins, J.S.H. 1973: 378, pl. 5, figs 15a-c. Cretaceous, Maastrichtian, basal Prairie Bluff Formation; Catalpa Creek, Oktibbeha Co. Mississippi, U.S.A.

Virgiscalpellum gabbi apertus Collins
Paratype In. 64488. Collins, J.S.H. 1973: 378. Cretaceous, Maastrichtian, Ripley Formation; Barr Pasture, Oktibbeha Co. Mississippi, U.S.A.

Virgiscalpellum gabbi apertus Collins
Figd spec. In. 64464. Collins, J.S.H. 1973: 374, pl. 4, figs 18a, b. Cretaceous, Maastrichtian, Ripley Formation; 2 miles E. of State College, Oktibbeha Co., Mississippi, U.S.A.

Virgiscalpellum gabbi apertus Collins
Figd spec. In. 64465. Collins, J.S.H. 1973: 374, pl. 5, fig. 9a.
Figd spec. In. 64466. Collins, J.S.H. 1973: 374,pl.5, fig. 9b.
Figd spec. In. 64467. Collins, J.S.H. 1973: 374, pl.5, figs 3a, b. Cretaceous, Maastrichtian, Ripley Formation; Barr & Bardwell Pastures, Oktibbeha Co. Mississippi, U.S.A.

Virgiscalpellum gabbi apertus Collins
Figd spec. In. 64469. Collins, J.S.H. 1973: 374, pl. 5, fig. 4. Cretaceous, Maastrichtian, Ripley Formation; ¾ mile E. of State College, Oktibbeha Co. Mississippi, U.S.A.

Virgiscalpellum gabbi apertus Collins
Figd spec. In. 64470. Collins, J.S.H. 1973: 374, pl. 5, fig. 7.
Figd spec. In. 64472. Collins, J.S.H. 1973: 374, pl.5, figs 1a, b. Cretaceous, Maastrichtian, Ripley Formation; Barr & Bardwell Pastures, Oktibbeha Co. Mississippi, U.S.A.

Virgiscalpellum gabbi apertus Collins
Figd spec. In. 64473. Collins, J.S.H. 1973: 374, pl. 5. fig. 8.
Figd spec. In. 64474. Collins, J.S.H. 1973: 374, pl. 4, fig. 16. Cretaceous, Maastrichtian, Ripley Formation; 2 miles E. of State College, Oktibbeha Co. Mississippi, U.S.A.

Virgiscalpellum gabbi apertus Collins
Figd spec. In. 64475. Collins, J.S.H. 1973: 374, pl.5, fig. 6. Cretaceous, Maastrichtian, Ripley Formation; Barr Pasture, Oktibbeha Co. Mississippi, U.S.A.

Virgiscalpellum gabbi apertus Collins
Figd spec. In. 64487. Collins, J.S.H. 1973: 374, pl. 5, figs 14a-c. Cretaceous, Maastrichtian, Ripley Formation; 2 miles E. of State College, Oktibbeha Co. Mississippi, U.S.A.

Virgiscalpellum wrighti Withers
Holotype In. 48154. Withers, T.H. 1945: 555, pl. 2, figs 3, 4.
Paratype In. 48155. Withers, T.H. 1945: 555, pl. 2, figs 5, 6. Cretaceous, Lower Aptian, Lower Greensand, "Crackers" Bed; Atherfield, Isle of Wight.

Virgiscalpellum sp.
Figd spec. In. 64476. Collins, J.S.H. 1973: 379, pl. 5, fig. 12. Cretaceous, Campanian, basal Annona or upper Coffee Formation; 4½ miles S. of West Point, Clay Co. Mississippi, U.S.A.

Virgiscalpellum sp.
Figd spec. In. 64477. Collins, J.S.H. 1973: 379, pl. 5, fig. 13. Cretaceous, Maastrichtian, Ripley Formation; ½ mile E. of State College, Oktibbeha Co. Mississippi, U.S.A.

Wattisonia coseleyensis Wills
In. 22832 (paratype of *Anthracoscorpio buthiformis*). Pocock, R.I. 1911: 26, fig. 8. Upper Carboniferous, Coal Measures; Coseley, West Midlands.

Woodwardopterus scabrosus (Woodward)
Holotype I. 1445 (counterpart = I. 1436). Woodward, H. 1887*a*: 481, pl. 13, fig. 1.
Størmer, L. 1955: 39, text-fig. 29, 1.
Part of counterpart of holotype I. 1436a. Woodward, H. 1887*a*: 481, pl. 13, fig. 2. Carboniferous, Calciferous Sandstone Series; Glencartholm, Eskdale, Dumfries & Galloway, Scotland.

Xylobius
See *Xyloiulus*

Xyloiulus platti (Woodward) *nom. nud.*
Holotype I. 13738. Woodward, H. 1907*a*: 568. Carboniferous, Middle Coal Measures; Sparth Bottoms, Rochdale, Greater Manchester.

Xyloiulus sigillariae (Dawson)
Syntypes In. 28791-95, In. 35324. Dawson, J.W. 1860: 271. Upper Carboniferous, Cumberland group; South Joggins, Nova Scotia, Canada.

Addenda

Bellinurus trilobitoides (Buckland)
Figd spec. I.2754.
Prestwich,J. 1840: pl.4, fig.8.
Woodward,H. 1878: 239, pl.31, fig.3a.
Upper Carboniferous;Coalbrookdale, Salop.

Cyzicus (Euestheria) minuta (Von Zieten)
Figd spec. I.2437.
Jones,T.R. 1890: 387, pl.12, figs 4,5.
Trias, Lettenkohle; Fulda,Hessen-Cassel,Germany.

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Plate 1

Figs. 1,2. *Cyzicus (Euestheria) aricensis* (Jones). I. 6814, syntype Jones, 1897: pl. 10, fig. 3. Carboniferous?; Morro de Africa, Peru. Fig. 1 × 3.5. Fig. 2 × 12.

Fig. 3. *Cyzicus (Euestheria) beinertiana* (Jones). In 61273, syntype Jones, 1863: pl. 1, figs, 13,14. Carboniferous, Westphalian; Rudolph Pit, Volpersdorf, Germany. × 6.

Fig. 4. *Cyzicus (Euestheria) brodieana* (Jones). I. 6084, syntype Jones, 1863: 75. Rhaetic; Linksfield, Scotland. × 6.

Fig. 5. *Cyzicus (Euestheria) dawsoni* (Jones). In. 61276, figd Jones, 1884: pl. 12, fig. 12. Carboniferous; Horton, Nova Scotia. × 6.

Fig. 6. *Cyzicus (Euestheria) brodieana* (Jones). In. 49298, syntype Jones, 1863: pl. 2, fig. 12. Rhaetic; Wainlode Cliff, Gloucestershire. × 6.

Fig. 7. *Cyzicus (Euestheria) draperi* (Jones & Woodward). I. 3233, holotype Jones & Woodward, 1894: pl. 9, figs. 1a,b. Trias; Platberg, South Africa. × 6.

Fig. 8. *Cyzicus (Euestheria) emmonsi* (Raymond). In. 61275, paratype Raymond, 1946: 253; figd Jones, 1863: pl. 2, fig. 26 (as *E. ovata*). Trias; Prince Edward, Virginia, U.S.A. × 6.

Fig. 9. *Cyzicus (Euestheria) geinitzii* (Jones & Woodward). I. 2714, holotype Jones & Woodward, 1893: 531, pl. 19, fig. 4. Permian; Boos tunnel, Rhine-Nahe Railway, Germany. × 12.

Fig. 10. *Cyzicus (Euestheria?) grebeana* (Jones & Woodward). I. 2715, syntype Jones & Woodward, 1893: pl. 19, fig. 5. Permian; Boos tunnel, Rhine-Nahe Railway, Germany. × 12.

Fig. 11. *Cyzicus (Euestheria) karpinskiana* (Jones). I. 1681, syntype Jones, 1883: 244. Rhaetic? Troiszk district, Ural Mts., Russia. × 6.

Fig. 12. *Cyzicus (Euestheria) laxitecta* (Jones). I. 2437, syntype Jones, 1890: pl. 12, fig. 5. Trias; Fulda, Hessen-Cassel, Germany. × 6.

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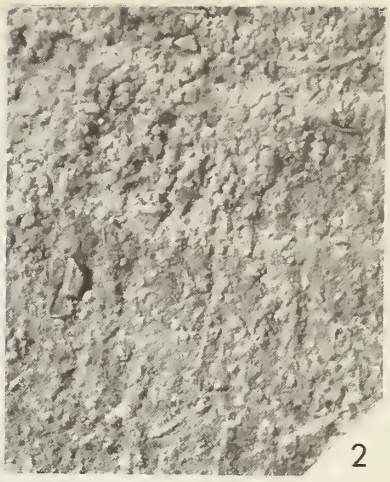
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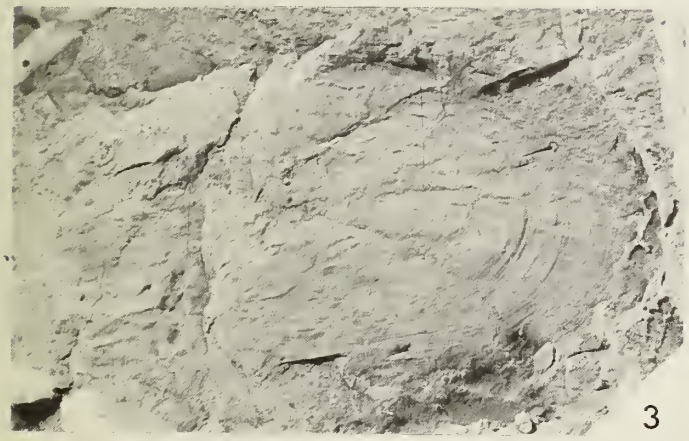
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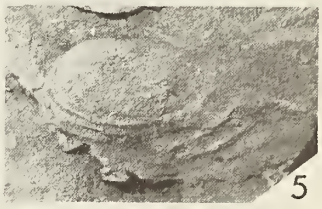
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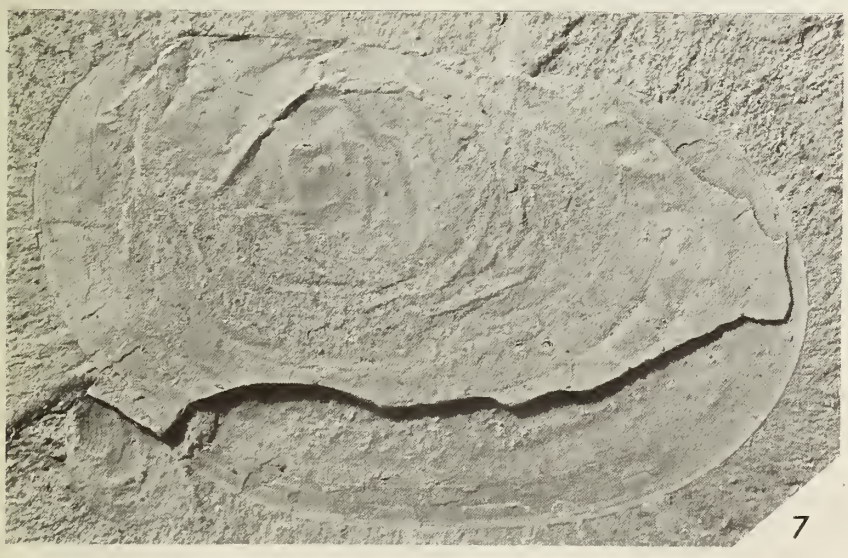
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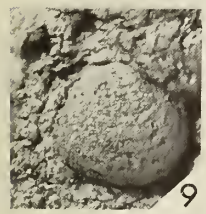
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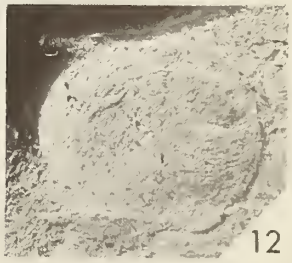
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Plate 2

Figs. 1,2. *Cyzicus (Euestheria) forbesii* (Jones). Rhaetic?; Cacheuta, Argentina. X 6. Fig. 1. 50521, syntype Jones, 1863: pl. 4, fig. 9. Fig. 2. I. 2170, figd Jones, 1897: pl. 11, figs. 1a,b.

Fig. 3. *Cyzicus (Euestheria) peachii* (Jones). In. 48870, syntype Jones, 1870: 220. Carboniferous; Camstone Quarry, Edinburgh. X 6.

Fig. 4. *Cyzicus (Euestheria) lewisii* (Jones). I. 2529, syntype Jones, 1890: pl. 12, fig. 3. Trias: Bucks Co., Pennsylvania, U.S.A. X 6.

Figs. 5,6,8. *Cyzicus (Euestheria) hindei* (Jones). Syntypes Jones, 1891: 51. Trias; Phoenixville, Pennsylvania, U.S.A. X 6. Fig. 5. In. 19536. Fig. 6. In. 19539. Fig. 8. In. 19533, Jones, 1891; pl. 2, figs. 5–8.

Fig. 7. *Cyzicus (Lioestheria) anomala* (Jones). I. 6130, syntype Jones, 1901; fig. 1. Cretaceous, Enon Conglomerate; Heidelberg, Cape Province, South Africa. X 6.

Figs. 9,10. *Cyzicus (Euestheria) laxitecta* (Jones). Syntypes Jones, 1890. X 6. Fig. 9. I. 2439, pl. 12, fig. 8a. Trias; Windsheim, Germany. Fig. 10. I. 2440, pl. 12, fig. 8b. Trias; Bayreuth, Germany.

Fig. 11. *Cyzicus (Lioestheria) ovata* (Lea). I. 5896, figd Jones, 1893: pl. 2, figs. 34,35,37. Trias; Dan River, North Carolina, U.S.A. X 6.

Fig. 12. *Cyzicus (Euestheria) mangaliensis* (Jones). In. 28223, syntype Jones, 1863: pl. 2, fig. 16. Permo-Trias, Damuda Series; Mangali, India. X 6.

Fig. 13. *Cyzicus (Euestheria) mawsoni* (Jones). I. 6807, figd Jones, 1897a: pl. 11, fig. 5. Cretaceous; Pitanga near Bahia, Brazil. X 6.

Fig. 14. *Cyzicus (Euestheria) reinachii* (Jones & Woodward). I. 2713, holotype Jones & Woodward, 1893: pl. 19, fig. 3; figd Jones & Woodward, 1894: pl. 1, fig. 3. Permian; Engelthal, Hessen, Germany. X 6.

Fig. 15. *Cyzicus (Lioestheria?) simoni* (Pruvost). In. 48888, figd Jones, 1863: pl. 5, fig. 1. (as *E. tenella*). Carboniferous, Coal Measures; Bradford, Greater Manchester. X 6.

Fig. 16. *Estheriina astartoides* Jones. I. 6820, syntype Jones, 1897: 201. Cretaceous; 83 km from Bahia, Brazil. X 6.

Fig. 17. *Cyzicus (Euestheria) subquadrata* (Sowerby). 44984b, figd Jones, 1863, pl. 4, figs. 6,7; figd Houša & Špinar, 1962: pl. 6, fig. 8. Cretaceous; Oberkircken, Germany. X 6.

Fig. 18. *Leaia salteriana* Jones. In. 48909, syntype Jones, 1863: ? pl. 1, fig. 21. Fife, Scotland. X 6.

Figs. 19,20. *Asmussia tenuipectoralis* (Jones). I. 1675, holotype Jones, 1883: pl. 6, fig. 2. Carboniferous; Kamensk, Ural Mts., Russia. X6.

Fig. 21. *Asmussia membranacea* Pacht. In. 61534, figd Jones, 1863: pl. 1, figs. 6,7. Devonian; Kokenhusen, Russia. X6.

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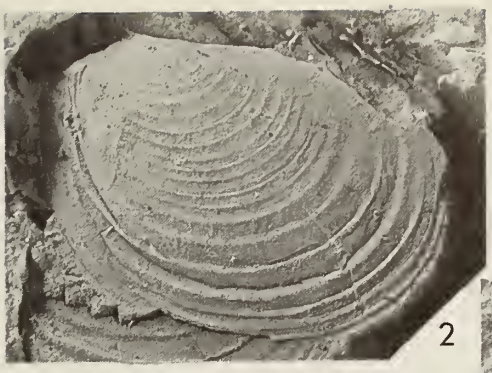
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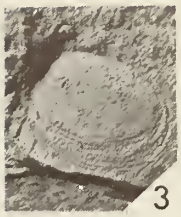
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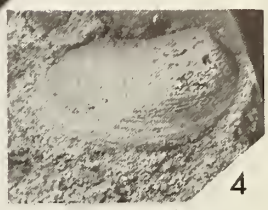
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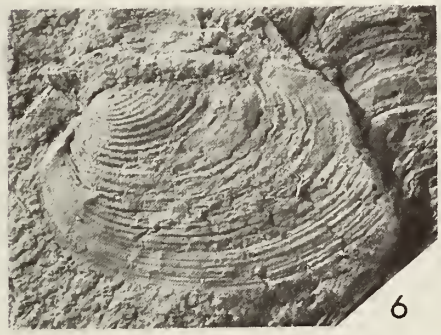
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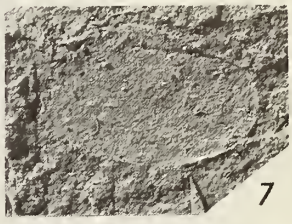
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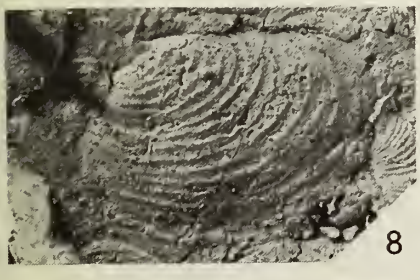
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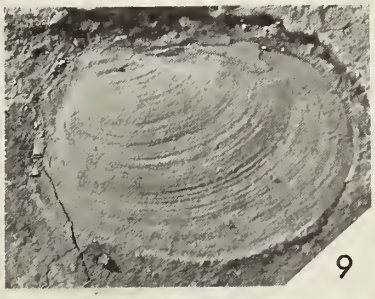
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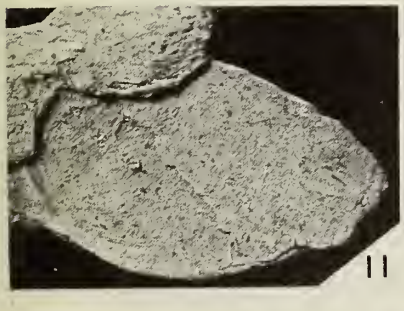
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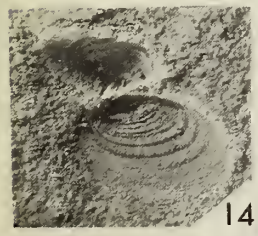
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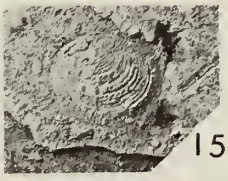
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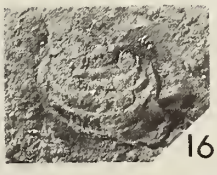
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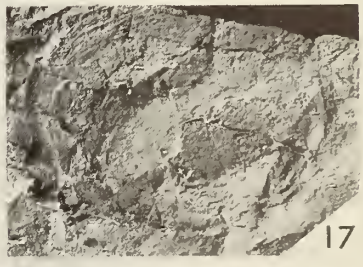
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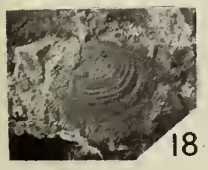
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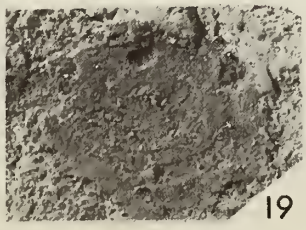
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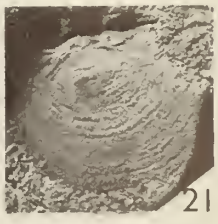
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Plate 3

Fig. 1. *Cyzicus (Euestheria) tateana* (Jones). I. 2580, syntype Jones, 1863: pl. 1, fig. 15. Carboniferous; Lammerton, Borders, Scotland. × 6.

Figs. 2,3. *Cyzicus (Lioestheria) inornata* Raymond. In. 61274, holotype, Raymond, 1946: 233; figd Jones, 1863: pl. 2, figs 28–30 (as *E. ovata*). Trias; Hardin's Pit near Richmond, Virginia, U.S.A. Fig. 2. × 6. Fig. 3. × 24.

Fig. 4. *Estheriina expansa* Jones. I. 3475, holotype Jones, 1897: pl. 8, figs. 6a,b. Cretaceous; between Pojuca and Sao Jago, Brazil. × 6.

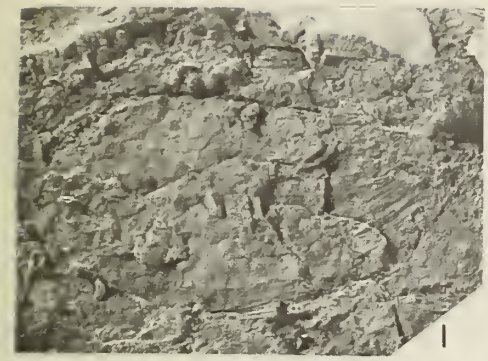
Fig. 5. *Leaia williamsoniana* (Jones). In. 48910, syntype Jones, 1863: pl. 1, fig, 20. Carboniferous; Ardwick, Greater Manchester. × 6.

Fig. 6. *Cyzicus (Lioestheria) andrewsii* (Jones). I. 2532, syntype Jones, 1891: pl. 2, fig. 2. Jurassic; Teffont Ewyas, Wiltshire. × 6.

Fig. 7. *Cyzicus (Lioestheria?) simoni* (Pruvost). In. 48886, figd Jones, 1863: pl. 2, fig. 39 (as *E. tenella*). Carboniferous; Carluke, Strathclyde, Scotland. × 12.

Fig. 8. *Rhabdostichus exigua* (Eichwald). I. 6834, figd Jones, 1863: figs.22–24. Permian; near Kargala, Orenburg, Russia. × 12.

Figs. 9,10. *Cyzicus (Euestheria) middendorfi* (Jones). Syntypes, Jones, 1863: 111. Fig. 9. In. 28227 × 12. Fig. 10. In. 28230 × 6. ? Cretaceous: near Tourga, Siberia.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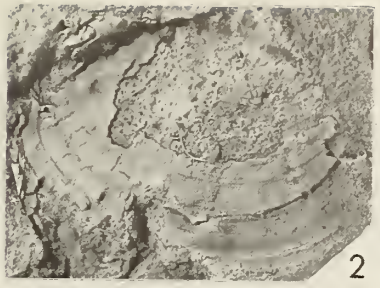
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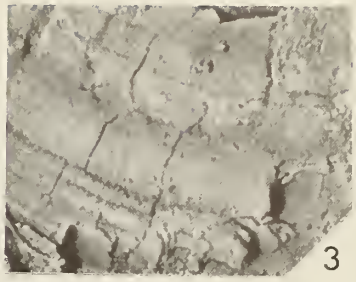
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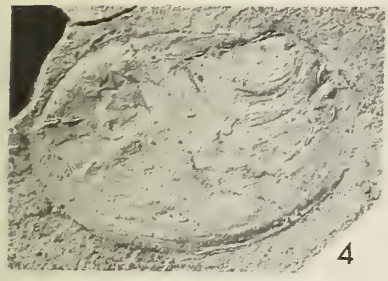
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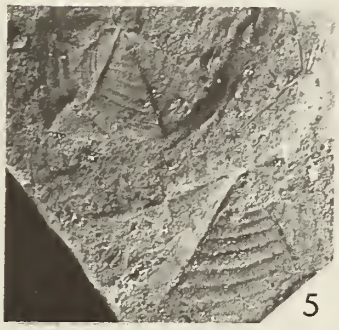
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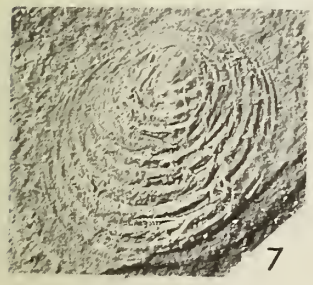
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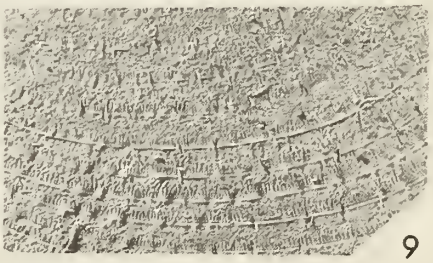
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